

## **Historic, Archive Document**

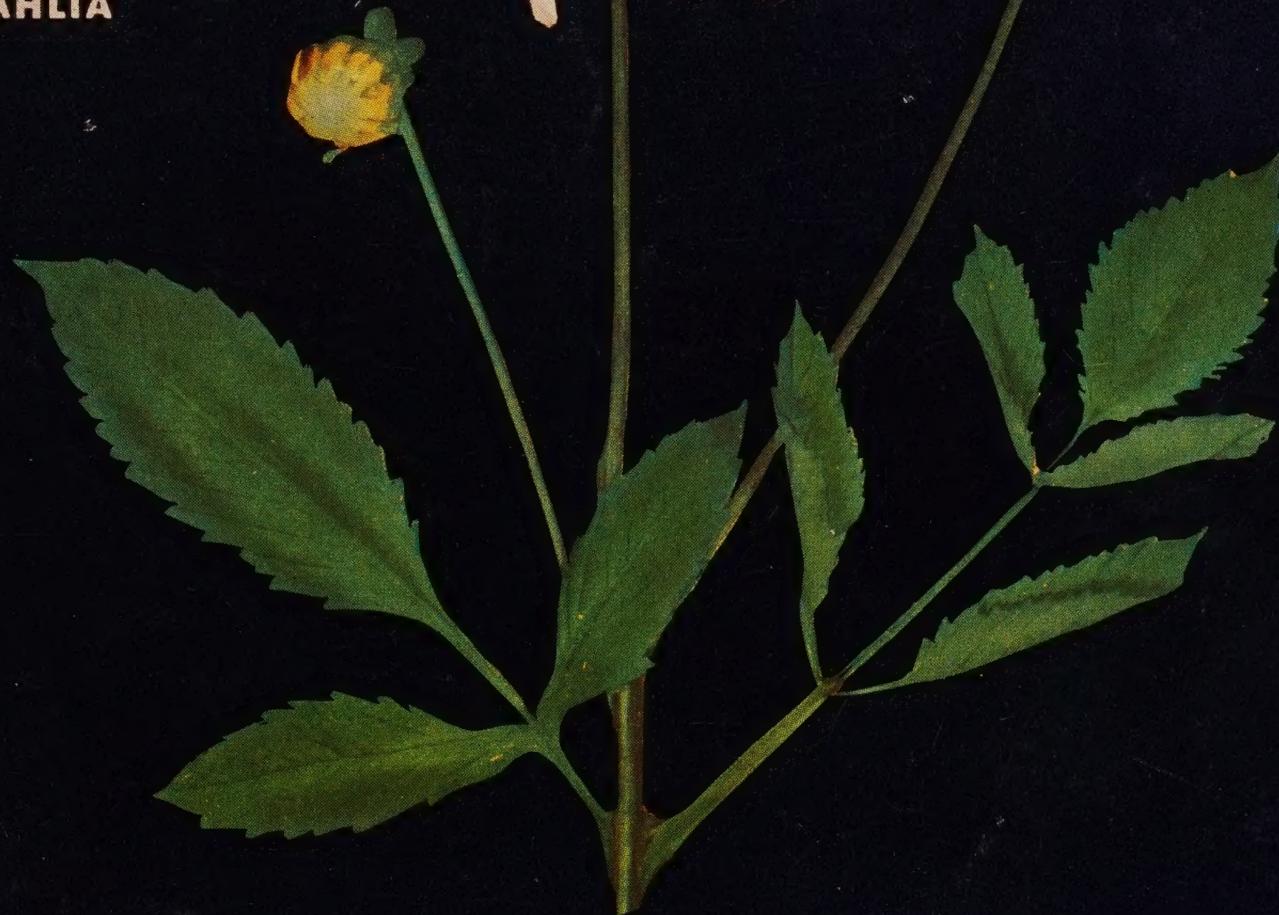
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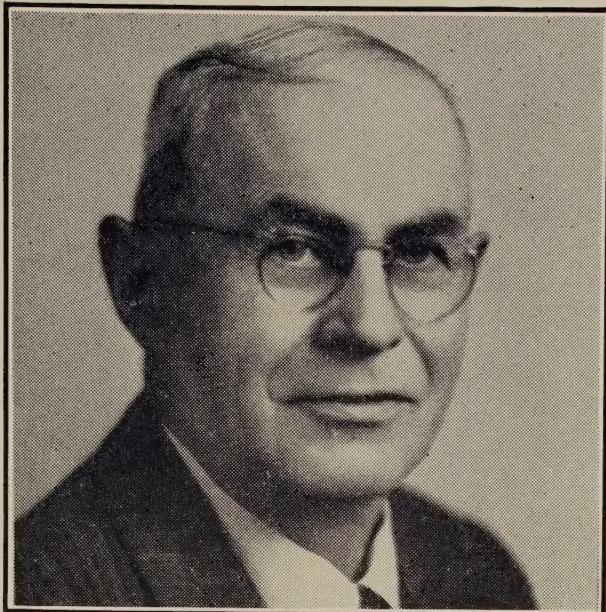
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HILL'S  
SUPREME  
DAHLIA



**GILL BROS. SEED CO.**  
**1950**



EDW. E. GILL



RAY W. GILL

### JUST A LITTLE CHAT WITH YOU

Forty years ago we started this business. That was a very small beginning—just a little four-page circular offering a few items we had originated. Today, we number our customers by the thousands all over the United States and Canada. From boyhood, on our father's farm, we grew up in market gardener farming and that experience enabled us to understand the needs and problems of the vegetable grower.

Having been market gardeners ourselves, it was quite natural for us to specialize in market gardener requirements. All of our seeds therefore are grown or purchased to meet the quality required by these gardeners. This is also a distinct advantage to home gardeners and farmers, for we supply them all from the same sources. We supply seeds to several thousand market gardeners. On our farms near Portland, Oregon, we continually strive to develop new varieties and to improve many of the standard sorts. We always endeavor to secure the best rather than the cheapest. Cheap seeds are generally dear at any price. Seeds are a very small part of the cost in growing a crop and it pays every grower, small or large, to buy the best.

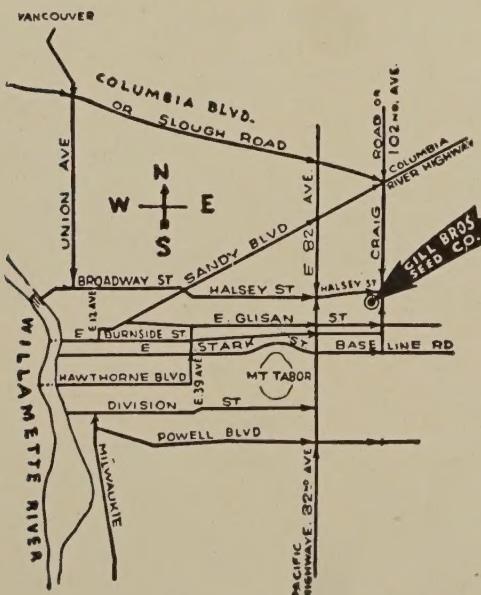
Our business is a partnership owned and controlled by Ray W. Gill and Edward E. Gill. We believe in giving good service as well as good seeds. However, there are seasonal rushes which sometimes cause delays. We suggest early orders and this will reduce the rush periods.

We will always strive to do our best; however, if you do have a complaint, please write and be assured of courteous treatment.

GILL BROS. SEED CO.

### How to Reach the Farm

Retail salesrooms at warehouse and office.



Take Halsey Street bus to 92nd Avenue, then walk seven blocks east on Halsey to office.

By auto to 82nd Avenue or 102nd Avenue thence to Halsey Street.

Office and farm at 99th Avenue and Halsey (See diagram map).

Visitors are always welcome at our farm.

### Our Fall Catalog

Our Fall catalog of 32 pages was issued last September. It lists many items still available for early planting in January and February. If you did not receive our Fall catalog, we will be glad to mail you one. During the last four years we have issued a Fall catalog describing a very complete line of Fall bulbs and plants. We specialize in Oregon-grown Daffodils and we offer large, high quality Tulips and Hyacinths for Fall planting. We also have a very complete line of other flower bulbs.

We suggest that when you are in need of these items that you keep our bulbs in mind.

We send this Fall catalog to all our seed customers; however, if you did not receive one, please write us.

## FORTIETH ANNUAL CATALOG

# GILL BROS. SEED COMPANY

**DOWN TOWN SALES ROOM**  
832 S. W. 4th Ave. nr. Yamhill St.  
Portland 4, Oregon

**MONTAVILLA STA., PORTLAND 16, ORE.**  
Main Office, Farm and Retail Store  
N. E. 99th Ave. & Halsey St. - KENWOOD 7593

**SEATTLE STORE**  
1600 Pike Place  
SEneca 0431

### Dear Customers and Readers:

This is not a large, pretentious catalog, yet it brings you an honest message about seeds, bulbs, etc. The high quality of our goods is favorably known throughout the Northwest, besides which we have many customers throughout the nation. For years we have been introducing special strains of seed here from our own farms and many new varieties of our own origin are recognized as leaders by market gardeners.

We specialize in Northwest grown seeds and where these are not obtainable we procure the best without regard to cost from the world's best growers. Seeds grown in moderate summer and winter conditions of the Northwest have great vitality and vigor. Northwest grown seeds are indicated in this catalog with a star. If you have not tried our seeds, please give us a trial order. Many of the largest growers and associations in the Northwest depend on our goods. Order early, as some varieties are short.

Our catalog has been prepared with the desire to have it sensible and free from exaggeration. The cuts used are mostly made from photographs taken from samples grown by ourselves and are reasonable illustrations of the results obtained from our seeds. We are opposed to filling our catalog with a long list of worthless novelties and are confining our list to the fewest possible varieties, and introducing only those new sorts which have some added value over other introductions. Those who receive more than one copy of our catalog will confer a favor by handing it to someone interested.

Our files show us the names of all who have sent us an order within the last two years. To these we mail our catalog each year, and we also mail our catalog again to all who received our catalog the first time last season, regardless of whether they sent us an order or not. However, we will send catalogs free upon request. All members of a family should order under one name.

### OUR WARRANTY

We give no warranty, expressed or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

### MISTAKES

Like all human beings, we are apt to make mistakes in filling orders, and if an error occurs we will consider it a favor to be notified at once so that we can rectify the oversight.

If you have a complaint, tell us first. In the rush of spring business, mistakes may happen; if so, tell us pleasantly about it and be assured of courteous treatment.

### SUBSTITUTION

IN VIEW OF THE FACT THAT SOME KINDS OF SEEDS ARE SHORT THIS YEAR, we would suggest that customers give as much as possible their permission for us to substitute the nearest variety to the one ordered in case we should be sold out. On items of small importance, or during the rush of planting season, when time is precious, we may send other sorts if out of the ones ordered, but such substitutions may be returned for credit if unsatisfactory to the purchaser.

### VEGETABLE SEED SUBJECT TO CHANGE IN EXTREME CASES

Considering the many added costs of doing business our prices are reasonable. We hope to be able to maintain these prices, but they are subject to change in extreme cases.

### HELPFUL SUGGESTIONS

We are always willing to offer any assistance in our power regarding culture, best varieties for your soil and market, etc. We will also be glad to consider any suggestions you may wish to make to us.

### HOW TO ORDER

Send all mail orders to Montavilla Station, Portland 16, Oregon.

Order early, as there is a heavy demand on some stocks and they may be exhausted.

Remittance must accompany your order. Stamps are accepted up to \$1.00. Money Orders, Express Orders, Bank Drafts and Certified Checks are preferred, although other checks are accepted for collection.

If your remittance should be short, we will send you in accordance with the amount paid and thus avoid delay. We will send Vegetable and Flower Seeds C.O.D., but please remember this costs you extra for C.O.D. charges.

Prices in this catalog marked "Not Prepaid" do not cover shipping expenses.

Except where noted (Not Prepaid) all prices are postpaid.

All prices up to and including one pound include shipping expenses and for more only when indicated. Give shipping instructions and write your name and address plainly on your order.

Write your correspondence on a separate sheet from your order. The seed season is a rush season.

### SAVE MONEY BY PARCEL POST . . . PLEASE READ

In ordering seeds in quantity you can save money by using our prices, marked "Not Prepaid" in this catalog. Simply add postage to these prices at the zone rate. In case you do not know the zone to Portland, just include extra and mark order "postage allowance." Please send sufficient. Many orders are short on postage, causing delays and added expense. Any overrun will be refunded to you. However, on very small amounts we often send extra seeds with liberal allowances.

### PRACTICAL EXPERIENCE

As market gardeners and the many tests we have made for years has given us a thorough knowledge of the varieties best suited for our climate, and aside from those varieties which we grow, has enabled us to secure our seed from the best sources. In that respect we differ from the average seed store where the experience is more from a selling standpoint.

### WE SPECIALIZE IN MARKET GARDENER TRADE

Thousands of market gardeners all over the United States look to us for high-grade seeds. If you buy in large quantities, write us a list giving variety and quantity and we will be glad to quote our quantity rates.

### SEED TESTS

Our seeds are tested; all seeds on hand are tested before sending out and on those purchased during the rush season we secure the test from the seller.



PRESS OF RYDER PRINTING CO.  
1027 S. W. Fifth Ave., Portland, Ore.

# VEGETABLES

## Artichoke

**LARGE GREEN GLOBE**—They stand considerable cold but should be mulched with straw against severe freezing. Plant three feet apart in the row and six feet between rows. The green buds are used. Start in hotbeds. They can be grown successfully in the Pacific Northwest. **Postpaid. Pkt. 15c; oz. 60c.**

**PLANTS**—Postpaid. 40c each; 3 for \$1.10; doz. \$3.25. Ready after March 1st.

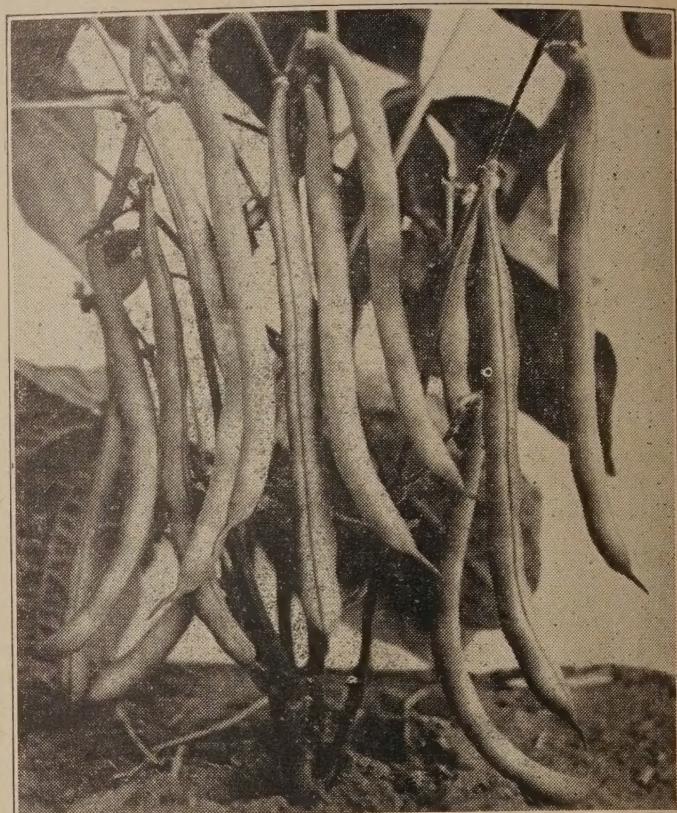
**\*JERUSALEM**—The tubers are used for stock feed. **Postpaid. 2½ lbs. 50c. Not prepaid, 10 lbs. @ 8c lb.; 100 lbs. for \$5.25.**

## Asparagus Seed

**CULTURE**—The seed is of slow germination and should be planted early in the season. Plant roots in well drained soil about two feet apart in the row and five to six feet between rows. We offer free cultural directions.

**MARY WASHINGTON**—Heavy yielding with large green stalks of fine quality. Practically immune to rust and other diseases. We carry a special selected strain. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.75. Not prepaid, 5 lbs. @ \$1.60 lb.**

**PARADISE**—This new variety has the same rich green color and deliciously mild flavor as Mary Washington. It is very early, also resistant to rust and a much heavier yielder. **Postpaid. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.**



Beans, Longgreen

## Asparagus Roots

**MARY WASHINGTON**—No. 1. Postpaid. Doz. 50c; 50 for \$1.50; 100 for \$2.25. Not prepaid, 1000 for \$13.50.

**PARADISE**—No. 1. Postpaid. Doz. 75c; 50 for \$1.90; 100 for \$2.75. Not prepaid, 1000 for \$15.00.

## BUSH BEANS

**CULTURE**—Plant about May 1st for early beans, or as soon as the ground becomes warm, in rows 2½ to 3 feet apart except pole beans, 3½ to 4 feet. Cover from 1½ to 3 inches deep according to weather conditions. Large seeded beans require warmer weather to germinate than small beans. Never cultivate or hoe beans when the foliage is wet from dew or rains, as it will cause rust. Where beans have not previously been grown on the land it is valuable to use NITRAGIN. Our radio talk on beans sent free upon request. All white seeded beans need careful planting for early crops as they do not stand cold ground like colored beans. Early bush beans can be planted up to August 1st in western parts of Pacific Coast states.

**PRICES**—Unless noted at higher rates, are uniformly: **Postpaid. Pkt. 10c; ½ lb. 30c; lb. 55c. For 4th zone and beyond, lb. 60c. Not prepaid, lb. 50c; 5 lbs. of one variety @ 45c lb.** Write for prices on larger quantities.

**GILL'S RELIABLE**—A pioneer bean found under various names throughout the Pacific Northwest. This strain has been grown in our family for over 60 years. A very popular bean with our customers. Remarkably hardy and prolific with very few superiors either as a green or dry bean. The small white seeds are also fine for baking. Green pods without fiber, meaty and fine flavored. In the older stages they need stringing. Outstanding for canning and freezing.

**\*SUPERRGREEN**—New. All America bronze winner. Pods 7 inches long, slim, smooth, dark green and stringless in all stages. Vine is 17 inches upright with fairly concentrated pod set. Compared to Tendergreen the pods are slightly longer and more slender. This bean is ideal for home use, canning or freezing.

**\*LONGGREEN**—A more vigorous grower and with pods one inch longer than Tendergreen. Heavier producer than Tendergreen and equal in quality. This fine variety supersedes all of the Tendergreen types. It is commanding great favor from both home and market gardeners. It is of highest quality and really stringless, when either young or old.

**TENDERGREEN**—See Longgreen.

**BACHICHA (Italian Bush Bean)**—This is one flat podded bush bean that is free from strings or fiber. A rich, mild flavored early bush bean with long, flat, green pods. A vigorous grower producing heavy yields. Here is really a high quality bean sure to become very popular. **Pkt. 15c; 1/2 lb. 35c; lb. 60c. Postpaid.**

**KEYSTONIAN**—The long, round, straight, stringless, green pods of finest quality, make this new bean ideal for canning, freezing, shipping, market and home garden use. It is highly productive, hardy and vigorous. Vines 18 inches tall with strong, upright plants. Pods 6 to 6½ inches long, free of fibre and of rich, dark green color.

**\*IMPROVED BURPEE'S STRINGLESS GREEN POD**—Considered one of the best early bush beans. The pods are green, of good length, entirely stringless, tender and brittle and remain so until nearly ripe. This brown-seeded bean is both early and hardy and one of the richest flavored beans of all. A popular market or garden bean and desirable for canning or freezing.

**\*STRINGLESS BLACK VALENTINE**—Very hardy; extremely early, withstanding cold, damp weather better than most sorts. Pods dark green, long, straight, stringless, and nearly round. Excellent quality.

**RUBY DWARF HORTICULTURAL**—Large, flat shaped pods valuable for green snap or shell beans. Seed and pods striped and blotched with bright red. Extra fine quality.

## Wax Podded Bush Beans

**PRICES**—Uniformly, Postpaid. **Pkt. 10c; 1/2 lb. 35c; lb. 60c. Not prepaid, lb. 55c; 5 lbs. @ 50c per lb.**

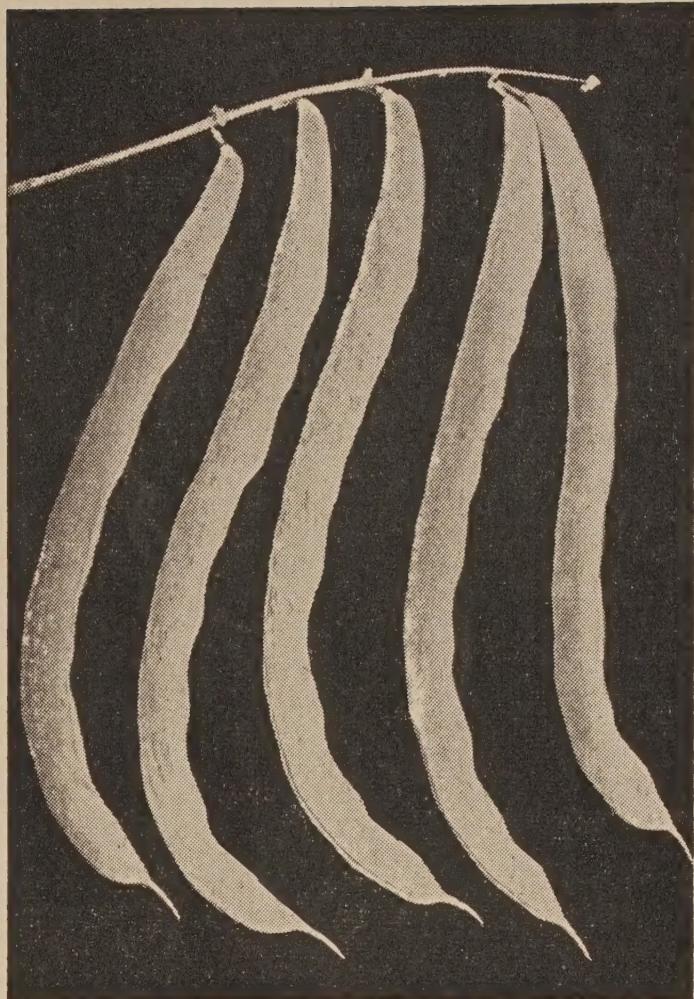
**PUREGOLD WAX**—A new bean of rich pure gold color, the deepest yellow. Tremendously productive with pods 6 inches long and nearly straight. The quality is very good, being nearly stringless at full development. It is quite resistant to disease and is a splendid bean for market gardeners.

**\*PENCIL POD BLACK WAX**—Hardy and prolific and of finest quality. Pods bright waxy yellow, long and round and entirely free from strings. Desirable for home or market and very valuable for canning. Deep yellow pods.

**\*ROUND POD KIDNEY WAX or Brittle Wax**—Extra early; very vigorous and productive. Long, straight, round pods that are entirely stringless. One of the finest for canning and home use.

### Printed Radio Garden Talks

We can mail you a complete set of 18 Radio Garden Talks made in 1949. These are free upon request.



Beans, Gill's Delicious Giant

## POLE BEANS

**PRICES**—Unless noted at higher rates, are uniformly. Postpaid. **Pkt. 10c; 1/2 lb. 35c; lb. 60c. For 4th zone and beyond, lb. 65c. Not prepaid, lb. 55c; 5 lbs. of one variety @ 50c lb.** Write for prices on larger quantities.

**\*GILL'S DELICIOUS GIANT**—Every year this variety increases in popularity. In this cross between Oregon Giant and Kentucky Wonder, we have originated a variety twice as productive as Oregon Giant, of better quality—and we believe the easiest bean of all to pick. The beans are produced in clusters of 4 to 6, the stems of which protrude outside of foliage. The pods are green, faintly striped with red lines which disappear when cooked. Ideal for the table or for canning or freezing, so do not fail to order this. They are very meaty, mild and stringless with pods often 10 inches long. Our sales now exceed the popular Oregon Giant for home gardens.

**\*BLUE VICTOR**—A very popular bean. The pods are large, long and somewhat flat in shape. The meat is thick, of finest quality, and stringless. The pods are reddish purple but when cooked the color changes to light green. One of the finest high quality beans. You will like this.

**\*WHITE SEEDED KENTUCKY WONDER**—Many gardeners prefer this to Kentucky Wonder. Earlier, more productive; stringless and good quality.

## POLE BEANS—Continued

**\*OREGON GIANT**—Giant pods a foot long; light green striped carmine. This wonderful bean is now sold by market gardeners at high prices. The quality is good even in the largest beans. Its giant size does not detract from its splendid quality. Pods thick meated, mild and free from fibre but the fully developed pods can be strung like the Kentucky Wonder. Pods a foot long and with large seeds developed are still good to use.

**\*BLUE LAKE STRINGLESS**—White seeded like the original Blue Lake, discontinued in favor of this better type. The pods differ from Blue Lake, being stringless at all stages, fully round, somewhat longer and of darker green color. White seeds, oval and small. Blue Lake beans are today rated as one of the finest commercial canned and frozen beans and this stringless type far excels the old strain.

**\*BRILLIANT HORTICULTURAL** (Cranberry)—This special stock has a much brighter stripe than the old strains. This type is becoming more popular each year. Two weeks earlier than the old strains. Pods green, streaked with red, changing lighter at shell stage with bright red stripes. Excellent used as a green snap bean or for shell or dry beans.

**\*ITALIAN OR ROMAN**—An old favorite with Italian people. It can be used as a green snap bean or as a shell bean. In either case it is very high in quality. Large, flat pods of medium length. Green, stringless pods of attractive appearance. A vigorous pole bean producing heavy yields. Crop short. **Pkt. 15c; 1/2 lb. 35c.**

**\*KENTUCKY WONDER**—A standard variety often called Asparagus Bean. It produces exceptional yields of long, green pods of fine quality. We carry a true strain from careful selection.

**\*KENTUCKY WONDER WAX**—Vigorous and productive. Pods waxy yellow, large, stringless and of excellent quality. Best yellow pole bean.

**STRINGLESS BLUE LAKE, BLACK SEEDED**—The pods are stringless; about 7 inches long, straight and round. Hardy and vigorous and a heavy producer of the finest quality beans. For home gardens it is ideal and produces heavier crops than the White Seeded Stringless. Ideal for market gardeners.

**YARD LONG**—Vigorous vine 6' tall with rank, dark green foliage. Very slender pods, 18" to 26" long. Small seed of reddish brown. The pods are so long they are often sold in bunches. **Pkt. 15c; 1/2 lb. 35c; lb. 65c.**

Northwest grown seeds are indicated in this catalog with a star (\*). Quality, not price, is the first consideration in buying seed. Considering quality, our prices are reasonable.

## Lima Beans

### (Bush Lima Beans)

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 10c; 1/2 lb. 35c; lb. 60c.** For 4th zone and beyond, **lb. 65c. Not prepaid, lb. 55c; 5 lbs. of one variety @ 50c lb.** Write for prices on quantities.

**FORDHOOK No. 242**—Developed by U. S. Department of Agriculture. Plants tall as regular Fordhook but with greater spreading habit. Pods slightly curved with thinner walls than Fordhook, containing 3 to 4 light green beans of same excellent quality. Yields good under conditions of high temperature. Dry beans, greenish cream and light green. Pods 3 1/2 inches long, 1 inch wide and 75 days to maturity.

**\*HENDERSON'S BUSH (Baby Lima)**—Early and heavily productive. Thrives in ordinary soil. Adapted for home use, canning and freezing. Early, small lima of high quality. **Pkt. 10c; 1/2 lb. 30c; lb. 50c.**

**IMPROVED BURPEE'S BUSH LIMA**—Large seeded; very productive. One of the best large types.

**CONCENTRATED FORDHOOK LIMA**—Potato Lima type. Plants large and very productive. The seeds are very large and flat and are ideal as butter limas or for use when ripe.

## Pole Limas

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 15c; 1/2 lb. 35c; lb. 60c.** For 4th zone and beyond, **lb. 65c. Not prepaid, lb. 55c; 5 lbs. of one variety @ 50c lb.** Write for prices on quantities.

**CHRISTMAS LIMA** (See cut)—This unusual new pole lima excels for quality and production. When cooked in either dry or green shell stage the seed turns to a pink-brown color and the stripe disappears. In the shell stage they are sweet as though they had been sugared lightly. In either dry or shell stage the skin is thin and tender. We have tested many lima varieties but none equals this for high quality and production, so we believe it is the best for our Pacific Northwest states where cool summer nights usually prevail during the growing season. The seeds are very flat but quite large and every seed is white, striped with deep crimson as shown in the illustration. Vigorous vines 7 to 9 feet tall, foliage rather thin and of medium size. Pods 5 to 5 1/2 inches long and about one inch wide, usually carrying 3 beans to the pod. We urge our home garden customers to try this grand lima. Commercial gardeners who contact their customers at roadside stands or public markets should introduce it to their trade.

**KING OF THE GARDEN**—A large, flat lima of great vigor and heavy production. Seed white in dry stage but creamy green in shell condition. This variety also produces well in the Pacific Northwest. A splendid sort for canning or freezing. Vines 7 to 9 feet, pods 5½ to 6 inches long with 4 to 5 thick, flat seeds.

**OREGON LIMA (White Seeded Runner)**—A large pole lima, extra early and suited for Pacific Northwest culture. It ripens in about 75 days from planting. Excellent used as a shell bean or stored dry for winter use. Extra large, plump, pure white seed. In the milder climates it often lives through the winter and produces a crop the second year. **Pkt. 10c; ½ lb. 30c; lb. 50c. Postpaid.**

## Soy Beans, Edible

**KABOTT**—A new, extra early variety that will mature even in sections with short seasons. Fine quality. This new variety insures full ripening of the seed in the Pacific Northwest. After testing several of the earlier varieties, we consider this the best for the Pacific Northwest states or any of the Northern states where earliness is an important factor. **Postpaid. Pkt. 15c; ½ lb. 35c; lb. 60c.**

## Garbanza

This plant is well known in Mexico and Southern California and it will do well in northern climates. Often called "Coffee Bean," "Chick Pea" and "Acorn Pea." Dwarf bushy plants, about one foot high, with round, puffy pods containing 2 to 3 large seeds. These are used when ripe much like beans for baking or boiling. Very nutritious, running high in protein. **Postpaid. Pkt. 10c; ½ lb. 30c; lb. 50c.**

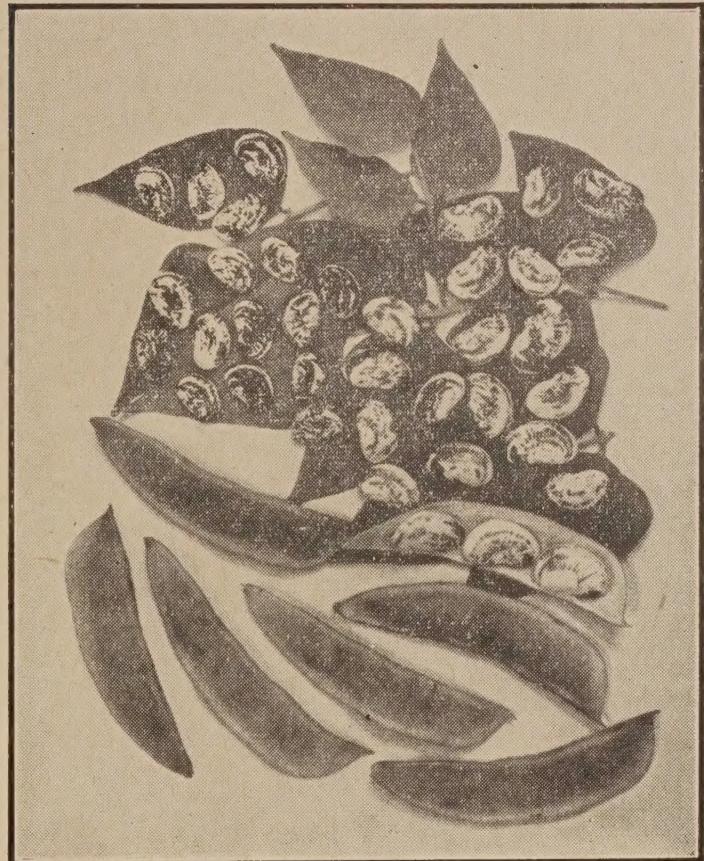
## Baking Beans

**PRICES**—Unless noted: **Postpaid. Pkt. 10c; ½ lb. 25c; lb. 45c.** For 4th zone and beyond, **lb. 55c. Not prepaid, lb. 40c; 10 lbs. of one variety @ 35c lb.**

**MICHELITE PEA BEANS**—Small, pure white seed of rounded shape. It is early and ripens evenly. It produces heavily and is much better than Navy beans where seasons are short for ripening or curing. Earliest strain of commercial small white beans.

**\*GREAT NORTHERN**—White beans, larger than Navy. Hardy, early and heavy yielding. Similar to Lady Washington.

**\*DARK RED KIDNEY**—Easily grown. Excellent quality. Large red beans for baking. An early maturing prolific sort.



Lima Beans, Christmas

## Broad Windsor

**MAMMOTH LONG PODDED**—The English Broad Beans or sometimes called "Horse Beans." Near the coast these can be planted in the fall. Generally planted very early in the spring. Green shell beans, large, broad, flat and light green. **Postpaid. Pkt. 10c; ½ lb. 30c; lb. 50c.**

## Sugar Beet

**KLEIN WANZLEBEN**—The best for making sugar. It is also valuable for feeding purposes. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.50.**

## Swiss Chard

**RHUBARB CHARD**—Large, wide and tall leaves with fairly large ribs of deep crimson color. Foliage heavily toned red with purple tints. Very productive and of rapid growth. Brilliant foliage of high quality. Many home gardeners have rated this as the best of Swiss Chards. **Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 75c.**

**FORDHOOK GIANT**—Larger, darker green with more crinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.60.**

**LUCULLUS**—Grows about two and a half feet high. The heavy stalks are over an inch wide and bare for more than a foot of their length. Can be served as you would asparagus. The leaves make the finest greens. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.60.**

# TABLE BEETS

**CULTURE**—Plant in rows 2 to 2½ feet apart, with drill, April 1 to July 15. Thin to 3 or 4 inches apart for table beets and 8 to 12 inches for mangels. For winter beets the latest sowing is best.

**PRICES**—Unless noted are uniformly:  
**Postpaid.** Pkt. 10c; oz. 25c; ¼ lb. 65c;  
lb. \$1.75.

**\*GARDENER'S MODEL**—This outstanding beet was developed here on our own farms. For over 30 years we have been selecting this strain. Every year an increasing number of home and market gardeners favor this beet. It has great uniformity. The interior color is much darker due to our selections. A splendid all around table beet for home or market. It is extremely early, of smooth, uniform shape. The flesh is dark red, entirely free from strings or core and unusually sweet. The tops stand tall and erect. Valuable for both greens and roots. This variety will stand longer than any and still keep tender. Generally immune to curly top disease. Very popular with market gardeners in many sections, especially for early bunching. Seed of our own growing. **Postpaid.** Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.25.

**PERFECTED DETROIT**—This produces taller tops than Detroit Dark Red with roots of more flattened turnip shape. On account of its nearly zoneless deep blood red flesh, it is popular for home and commercial canning.

**DETROIT DARK RED**—Splendid for market or home gardens and popular with canneries. Roots nearly round, very uniform and of medium size; flesh tender and blood red. We carry an extra select strain. Splendid for canning and the outstanding beet for deep red color.

**CROSBY EGYPTIAN**—Our special stock is ideal for market gardeners. Flat-globe or turnip shaped beets with small tap roots and dark red skins. Flesh purplish red with light zones. Matures quite early. Smooth beets free from side roots.

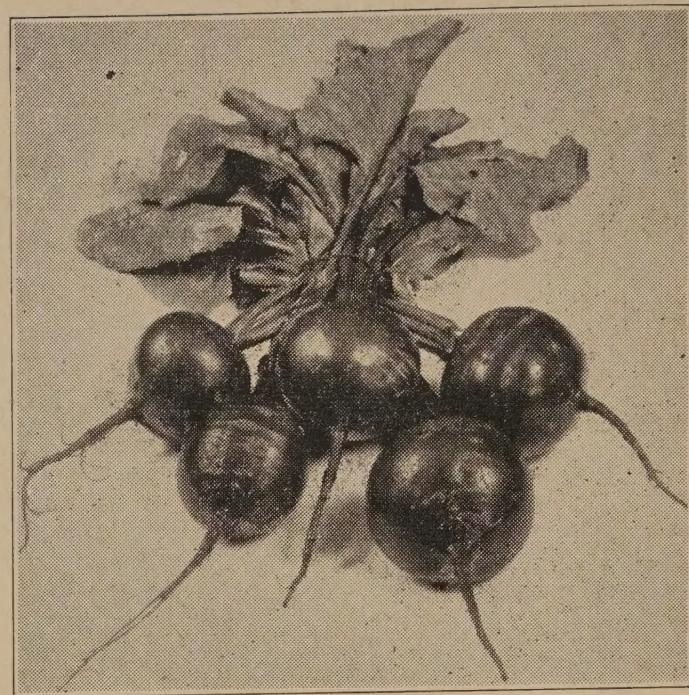
**EARLY WONDER**—Deep blood red, nearly globe shaped, with small, clean tap roots and small erect tops. One of the earliest and most uniform bunching beets that can be grown and also very fine for late planting. They mature very evenly.

**EXTRA EARLY EGYPTIAN**—The earliest; rather flat roots of fine quality.

**GREEN TOP BUNCHING**—Greenish red tops, ideal for beet greens, also fine for bunching. Deep red flesh.

## Cardoon

**LARGE SMOOTH**—A perennial winter vegetable grown for the fleshy leaf stalks which are bleached like celery. Used for salads or in soups. **Postpaid.** Pkt. 10c; oz. 40c; ¼ lb. \$1.00.



Beet, Gardener's Model

## Mangel Beets

**PRICES ON MANGELS UNIFORMLY:**  
**Postpaid.** Pkt. 10c; oz. 25c; ¼ lb. 60c;  
lb. \$1.60.

**DANISH SLUDSTRUP**—Long, reddish-yellow; grows well above the ground. A giant in size and one of the most popular Mangels.

**GIANT HALF SUGAR**—Cross between a mangel and sugar beet. Flesh white and exceedingly rich.

**MAMMOTH LONG RED**—Selected strain. Very heavy cropper.

**GIANT YELLOW ECKENDORF**—Giant, smooth, long roots of cylindrical shape, weighing up to 20 pounds each and growing two-thirds above ground. Solid white flesh with high food value.

## Chicory

**LARGE ROOTED**—Chicory does well in this climate and is an excellent substitute for coffee. Plant like carrots. **Postpaid.** Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

**WITLOOF or FRENCH ENDIVE**—The roots are transplanted and the shoots are bleached for winter use as a salad. **Postpaid.** Pkt. 10c; oz. 50c; ¼ lb. \$1.75.

## Cress

**FINE CURLED (PEPPER GRASS)**—Grows quickly from seed. Sow thinly in drills. Should be planted at intervals as it runs to seed quickly. **Postpaid.** Pkt. 10c; oz. 45c; ¼ lb. \$1.00.

**WATER CRESS**—Perennial aquatic plants. Small, thick leaves with pungent flavor for salads and garnishing. **Pkt. 15c;**  
**¼ oz. 40c; oz. \$1.40.**

# CABBAGE

**CULTURE**—Early varieties should be sown in the open ground in early September or in cold frame in January or February. We do not recommend sowing in hotbeds as plants will be too tender. For earliest cabbage, transplant fall sown plants in late October or early November. For late, sow seed in open ground May 1st, transplant June 15th for fall, and July 1st to 20th for winter cabbage, in rows 3½ feet apart, from 25 to 36 inches in the row, according to the richness of the soil, size and variety. Do not crowd them. They do best in rich, loamy soil, fertilized with barnyard manure of any kind and any good well-balanced commercial fertilizer. Early Jersey Wakefield, Large Wakefield, All Head Early, Danish Ballhead and Oregon Ballhead can be sown in the fall for spring and summer cutting. They seldom run to seed. Golden Acre, Copenhagen Market and Glory of Enkhuizen will not winter over without running to seed.

**PRICES**—Unless noted: Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.60; lb. \$4.65.

**\*GILL'S OREGON BALLHEAD**—The acknowledged leader in the Pacific Northwest for a main crop winter cabbage. We have developed this strain until it excels all others for solidity, resistance to aphid and freeze injury. It is the best cabbage for crating or general market purposes. The outer leaves are deep green and will hold their color weeks after cutting. It is the best keeper of all. The outstanding commercial cabbage and the most popular winter sort. We believe this is the most persistent heading of any winter cabbage. Often when planted too late in the summer for full maturity the heads develop hard and ready for market in February or March. Seed of our own growing. Postpaid. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75; lb. \$5.00.

**\*PORTLAND ROUNDHEAD**—Developed by a local gardener. Heads larger than Danish Ballhead and Oregon Ballhead. Valuable for late summer markets and for kraut in the fall. A very popular sort for these purposes. Heads rounded in shape and very solid. Seed of our own growing. Postpaid. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75; lb. \$5.00.

**EXTRA EARLY EXPRESS**—The earliest cabbage, with small pointed heads. It can be sown in the fall. Heads not as solid as Early Jersey Wakefield but earlier. Postpaid. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75; lb. \$5.00.

**\*DANISH BALLHEAD (Short Stem)**—This is the regular Ballhead type so long imported from Denmark. Somewhat earlier than Oregon Ballhead. This is a fine strain of Danish Ballhead of our own growing. Medium sized head, very solid and of good quality.

**DANISH BALLHEAD 415**—Similar to Siedl Ballhead but a little larger. There is considerable demand for a smaller head than the regular strain of Danish Ballhead. This meets that requirement. Small solid heads with few exterior leaves. Seed of our own growing. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.90; lb. \$5.50.

**DANISH ROUNDHEAD**—Somewhat larger than Danish Ballhead. Valuable for kraut and for planting in the Spring for Summer cutting. Imported seed. Postpaid. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75; lb. \$5.00.



Cabbage, Gill's Oregon Ballhead

**COPENHAGEN MARKET**—Good sized, round heads, maturing with Large Wakefield, usually weighing 5 to 6 lbs. Postpaid. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75; lb. \$5.00.

**EARLY JERSEY WAKEFIELD SPECIAL**—This is still very valuable for the earliest crop of hardy cabbage. We have secured a special strain with solid heads and few outside leaves. It also matured the earliest of some twenty strains we tested. Valuable to sow in the fall for transplanting in the early spring. In some sections this variety is sown for greens like collards. Use before the heads form.

**GLORY OF ENKHUIZEN**—The best variety for summer or early fall crops, for its tendency is to produce large heads even in dry weather. It can also be used for early spring crops. It is not satisfactory as a winter cabbage. Tender and sweet.

**ALL HEAD EARLY**—A second early, flat headed sort, very sure heading and little subject to bursting. Extra fine for kraut. Very desirable for fall.

**GOLDEN ACRE**—An extra early round-headed fine quality cabbage, maturing with Early Jersey Wakefield. The heads are firm with few outer leaves and average about four pounds. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75; lb. \$5.00.

**AMERICAN SAVOY**—The best main crop Savoy cabbage; quite firm, large heads with curly foliage.

## CABBAGE—Continued

### ROUND RED DUTCH or RED ACRE

—Heads round, solid; about 6 inches in diameter, weighing 3 to 5 pounds. Deep red and a good shipper. Early, maturing in 80 days. **Pkt. 10c; 1/2 oz. 45c; oz. 80c; 1/4 lb. \$2.00; lb. \$6.00.**

**\*RED STONEHEAD**—Very solid heads of ballhead type. Deep red and of high quality. An extra fine winter cabbage. **Postpaid. Pkt. 10c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$1.75; lb. \$5.00.**

## GREEN BROCCOLI

A valuable Italian vegetable forming heads of deep green, just about the same color as the foliage. After the main head is cut, smaller heads branch out below. It is very tender, nutritious and delicious, and can be raised like cabbage. Plant the seed June 1st to 20th and transplant July 15th to August 10th, in the same manner as other cauliflower or broccoli. It is very hardy and is not injured by light or white frost, so needs no protection. Do not attempt to grow this for summer use except near the coast. It can be planted from seed in rows 3 feet apart and thin to 12 inches in the row. In this case plant the seed about July 1st.

**MEDIUM CALABRESE**—This middle season variety is mostly planted for commercial crops. Dark green heads of finest quality. We carry a fine type and sell large quantities to processors and market gardeners. **Postpaid. Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.60; lb. \$4.00.**

**EARLY STRAIN**—A splendid early sort producing large compact heads ready for market in about 70 days from planting of the seed in the open. This can be planted later than the other later varieties and is useful for those regions near the ocean for summer cutting. **Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.50; lb. \$4.00.**

## Brussels Sprouts

**\*CATSKILL**—After growing this outstanding new Brussels Sprouts we consider it the best variety we have ever grown. Plants of medium size producing an immense crop of solid, dark green sprouts set close together. The sprouts are larger than most sorts and very heavy. The best for home gardens or market gardens. Matures quite early. Seed of our own growing. **Postpaid. Pkt. 15c; 1/2 oz. \$1.00; oz. \$1.85; 1/4 lb. \$6.00; lb. \$17.50.**

**\*OREGON SPECIAL**—A special selection by an Oregon gardener. Hard heads of dark green color. One of our best varieties. **Postpaid. Pkt. 10c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$1.75; lb. \$6.00.**



Green Broccoli, Medium Calabrese

## Celtuce

A vigorous growing new vegetable for salad and greens. Plant early in the spring or in mid-August. The leaves and young seed stalks are used for salad or greens. It is also an exceptionally fine plant for poultry feeding. It makes a very heavy crop even in warm weather. Plant the seed where it is to grow, thinning to one foot apart. **Postpaid. Pkt. 10c; 1/2 oz. 35c; oz. \$1.00; 1/4 lb. \$3.00.**

## Chinese Cabbage

**WONG BOK PAOTING**—A delicious vegetable from China, excellent for salads and cole slaw, and is sometimes used like Swiss Chard. The stems can be used like celery. For best results plant seed August 1st and thin to 18 inches apart. Use plenty of good complete fertilizer to secure a quick, strong growth. **Postpaid. Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.50.**

**CHIHLI**—Grows long slender heads, solid and tender. This is a very fine variety. Prices same as above.

## Corn Salad

Used in Spring or Winter salads but usually mixed with more piquant herbs. May also be cooked like Spinach. **Pkt. 10c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.00.**

## Dill

**MAMMOTH**—Easy to grow for flavoring pickles. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. \$1.00.**

# CAULIFLOWER

**CULTURE**—For early cauliflower, start in cold frame. For fall cutting, Green Broccoli and all Snowball types should be planted June 1st to 20th and transplanted July 15th to August 10th. Late Cauliflower and Winter Cauliflower should be planted the first week in May, transplanting July 1st to 25th. For Winter Cauliflower plant the first week in May, transplanting July 20th to August 10th. Cauliflower and Broccoli do best in a rich, loamy soil, not a cold, wet location. Plant 2½ to 3 feet in rows and 3½ feet between rows. Before the heads are large enough to be exposed to the light, tie or break the leaves carefully over the head to keep out the light. Great care should be used in growing plants of any of the Snowball type that they receive no severe check in their growth, as this will cause them to produce premature heads.

## Snowball Types

**PRICES**—Are uniformly: Postpaid.  
Pkt. 15c; ¼ oz. 75c; oz. \$2.75; ¼ lb. \$8.00;  
lb. \$25.00.

**SUPER SNOWBALL**—An outstanding early variety producing heads of uniform size, shape and type. The heads are almost round with pure white, smooth curd. Tall foliage protects the heads. A favorite for early crops.

**SNOWBALL No. 16**—Early and produces large, thick, solid, white heads. Stands up well under rather unfavorable weather conditions. One of the best shipping varieties and ideal for canning or freezing. Good for summer or fall cutting.

**SNOWDRIFT**—This fine strain matures with great evenness. The pure white heads are remarkable for their great depth and unexcelled white color. The curd is of fine texture and quite resistant to riceiness and fuzziness. The large, solid heads are well protected by the foliage.

## Late Cauliflower

**NOVEMBER - DECEMBER**—An improved Veitches Autumn Giant. Requires a long growing season. Especially suited to Pacific Coast states. This makes large solid heads of finest quality. For inexperienced growers this is the easiest to grow. Plants grow rather tall with long heavy ribbed leaves. It does not make premature or "fool heads." See cultural directions above. Postpaid. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.

**PURPLE CAULIFLOWER (Sometimes called Purple Broccoli)**—Beautiful purple heads that cook a light green. Plant same as November-December variety. The sweetest, most tender of all cauliflower types. Postpaid. Pkt. 15c; ¼ oz. \$1.25; oz. \$3.50.

## Endive

Culture similar to lettuce. The outer leaves should be tied over the head to bleach.

**LARGE GREEN CURLED**—One of the best sorts. Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$2.50.

**BATAVIAN BROAD LEAVED**—Frequently called Escarolle. Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$2.50.



Cauliflower, Snowball No. 16

## Winter Cauliflower

(or Cauliflower Broccoli)

Due to confusion with green Broccoli we will list this according to the above. This type of Cauliflower is adapted to the West Coast and Southern States. They are usually killed by winter cold lower than 15 degrees above zero.

**LATE MARCH**—A little later than St. Valentine Oregon Special, and is popular in California. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00. Postpaid.

**\*ST. VALENTINE OREGON SPECIAL**—The best sort for spring shipment; the solid white heads being of immense size and ready in February and March.

This special stock is well typed. Much seed offered is inferior, but you will find this strain well developed for commercial crops. Thirty years of selection, beginning with St. Valentine, has resulted in an outstanding type for market. Our selection gives excellent leaf protection for the heads. Selected seed of our own growing. Postpaid. Pkt. 15c; ¼ oz. 55c; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.

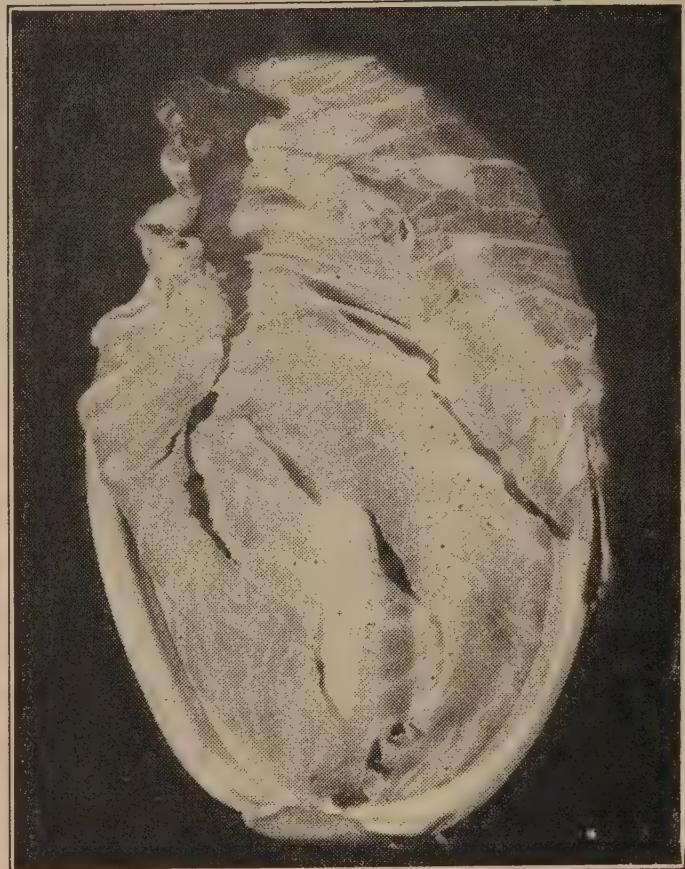
**APRIL**—Another fine variety of spring heading, white cauliflower. In Western Oregon transplant about Aug. 1st to 20th. The later maturity makes a good succession to follow St. Valentine Oregon Special and late March. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00. Postpaid.

We specialize in high grade cauliflower seed. We believe we can give you good satisfaction. Please try our seeds.

# CAULICAB



Caulicab, Spring Crop



Caulicab

## THE NEW VEGETABLE FAMILY

For six years we have been working on this distinct new vegetable, the beginning of a new race in the vegetable family. While our selections are not complete and the types are not entirely fixed, we feel that gardeners are now entitled to grow it. We have tested its quality among about one hundred people and nearly everyone is enthusiastic about it and we have had many calls for seed and plants. In time it will be separated into many varieties like we know in other vegetables. It is a cross between cabbage and spring heading cauliflower of the St. Valentine type. The cauliflower interior of the heads only develops in the spring heads, however, it can be planted in the early spring and heads will develop in the fall. When it matures in the fall the heads are solid like cabbage but without the cauliflower interior. In such cases the flavor is different from cabbage, being more sweet. The interior is very white and tender. It is hardier than St. Valentine and can be grown farther North and still produce heads in the spring. It will be especially suited to the West Coast and Southern States for spring heading. For this purpose transplant July 20th to August 20th. In the warmer Southern sections it can be transplanted in early September. The fact that it can be planted in the spring for heading during September permits its growth anywhere that cabbage can be grown. The plants are very vigorous with large foliage which indicates the cross that is half way between cabbage and cauliflower. The heads are elong-

ated, usually with dull points. In the Spring the heads are wrapped in 4 to 12 layers of cabbage leaves while the interior is composed of tender buds and stems of amber color. They are so tender that they can be used for salads. When cooked use them like cabbage or cauliflower and you will find them very tender with a flavor unlike either cabbage or cauliflower. Several who tried caulicab claim that it does not cause gas like either of these vegetables.

The soil should be of the same rich fertility as for cauliflower culture.

We have received many fine reports from growers who planted early in the Spring and cut the heads in the Fall.

It will take a little experience in the Spring to know just when to cut them. They should be gone over every few days and when they feel hard they are usually ready to cut. After they burst open they are still good, even when the buds turn green they are more tender than green broccoli. For fall heads set out in early spring with earliest cabbage.

Order seed now and test it in your locality and be among the first to have it. **Postpaid. Pkt. 50c; 1/4 oz. \$1.50; oz. \$4.00.**

## CAULICAB — TWO WAYS TO GROW

Along the Pacific Coast and in the Southern sections of the country, Caulicab can be transplanted in August for heading in the early spring, February to May. It will then form heads with buds inside, as illustrated on this page. In those sections where cabbage is destroyed, in open fields, by freezing it will not winter through for spring crops. However, in the hard winter of 1948-49 in Oregon, it stood more cold than cabbage. In all sections it can be transplanted in April or May and make a crop in the fall. Such fall crops will not contain the buds inside of the heads.

# CARROTS

**CULTURE**—Carrots may be planted from March to August 1. We prefer to plant from May 10 to 30; they will then miss many of the spring weeds and will stand through the dry season better, making a better quality of roots. Plant in rows 2½ feet apart covering one-half to one inch, according to weather conditions. Those who plant any quantity should use a good drill, as it lessens the work and gives a more even stand. As soon as they are up, use a wheel hoe, following this with a cultivator having small teeth.

**PRICES—Unless noted: Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.**

**GILL'S OREGON CHANTENAY** (See back cover)—A fine market carrot, either for bunching or sack, and sold by some seedmen as Long Chantenay and Greater Chantenay. We are the originators. A special strain of our selection producing very smooth roots about one inch longer than the regular strain and of more even diameter the whole length of the carrot. It is very popular with gardeners. The tops are of medium size, tough and wiry, hence the carrots seldom break from the bunches. The roots are rich red color with small core. Very high quality. Also valuable for planting late in the season.

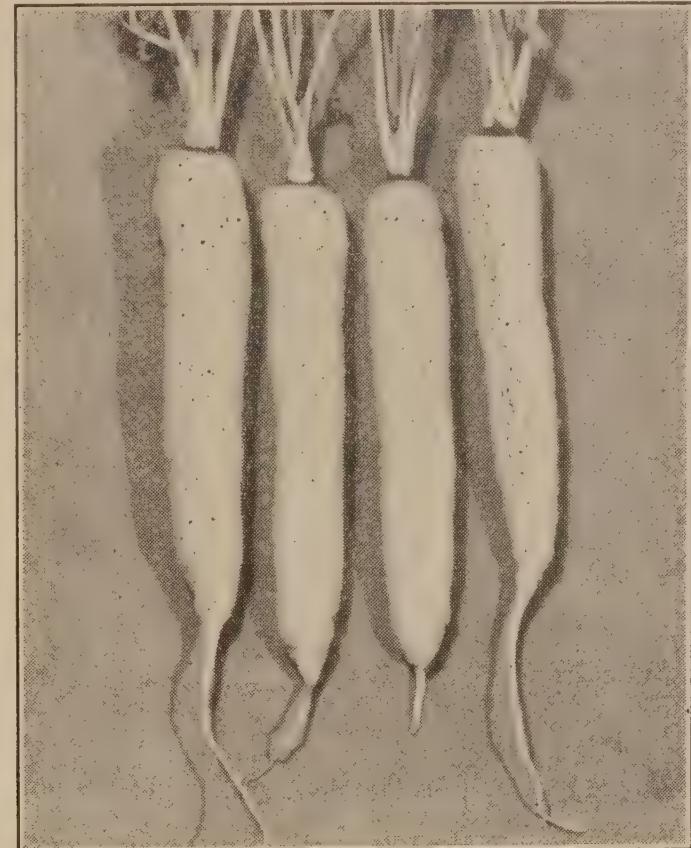
**GILL'S SPECIAL NANTES** (See back cover)—The roots are bright orange, 6 to 8 inches long and very uniform. They have a very small core and are exceptionally tender and sweet. The roots are rather slender, of even diameter and of early maturity. Very desirable for market, especially for bunching, and also splendid for the home garden. We offer a fine, re-selected strain grown from our stock seed. This variety is very popular with market gardeners. The tops are larger and stronger than the regular strains of Nantes or Coreless and this has not reduced the quality. **Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.50.**

**IMPERATOR, LONG TYPE**—A new strain developed for bunching, also for dehydration. Tops medium, abundant and strong enough for good bunching. Roots long, slender in proportion to length, smooth and tapering to semi-blunt ends. Flesh of rich orange color. It is noticeably longer and more evenly tapered than regular Imperator. Ideal for loose peat and sandy soils.

**IMPERATOR**—A good market carrot. Roots long, smooth and of rich red color with small core. Very popular for bunching and for late crops.

**TABLE GEM or AMSTERDAM**—We believe this to be the finest quality of all table carrots. The roots are 5 to 6 inches long, of even diameter and blunt ends. It is nearly coreless, exceptionally tender and sweet and is delicious eaten raw. It is very early and the tops are small. Suited for forcing or outside culture. High quality for home use but not suited for market except when forced. **Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$3.25.**

**MORSE'S BUNCHING**—Long, almost cylindrical roots. Good color and quality. Popular bunching carrot for market.



Carrot, Imperator Long Type

**DANVER'S HALF LONG, RED CORED**—An improved strain of this old variety. Deep orange red right through to the center. Heavy yielding; excellent quality.

**TENDERSWEET**—Very sweet and tender. Roots long and of deep red orange, tinged with red at the top.

**CHANTENAY, RED CORED**—This strain has a deeper red core and is popular with canners.

## Stock Carrots

**PRICES**—Same as other carrots. See carrot prices at heading.

**LARGE WHITE BELGIAN**—Long white stock carrot; very heavy yielder.

**LARGE YELLOW BELGIAN**—Same as above, except color, a pale yellow.

## Dandelion

**IMPROVED THICK LEAVED**—Far superior to the uncultivated plant. Valuable for early spring greens. **Postpaid. Pkt. 15c; ½ oz. 40c; oz. 70c.**

## Radio Garden Talks

Our radio talks, by Ray W. Gill, will commence about Feb. 1st. They cover Oregon, Washington, Idaho, Northern California, Western Montana, Denver, Colo. and Salt Lake, Utah. Send for our list of stations.

# CELERY

**UTAH JUMBO**—This remarkable late celery is the finest quality of any we have tried. Grown extensively near Salt Lake and wherever shipped commands high prices. Plants sturdy, compact and solid. Very free from strings. In Utah, soil bleaching is generally used, producing stalks that are pure white, nutty and crisp. Also immensely popular sold green without bleaching. Our strain is very popular all along the Pacific Coast. We now supply this strain to many large celery growers in various parts of the country. **Postpaid.** Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.35;  $\frac{1}{4}$  lb. \$4.25; lb. \$15.00.

**IMPROVED UTAH JUMBO**—This new strain has thicker, more meaty stalks with longer stems. The mature plant is larger around and taller than Utah Jumbo. This is worthy of your trial. **Postpaid.** Pkt. 20c;  $\frac{1}{4}$  oz. 65c; oz. \$1.60;  $\frac{1}{4}$  lb. \$5.00; lb. \$18.00.

**UTAH SPECIAL**—A large green celery similar to Utah Jumbo. This special strain is popular with large growers in California. Seed grown in Utah. **Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.35;  $\frac{1}{4}$  lb. \$4.25; lb. \$15.00.**

**SUMMER PASCAL**—While the plants are not tall the stems to the first joint are 8 to 9 inches long. It matures right after the yellow varieties and ahead of Utah Jumbo. Stalks thick and tender and of finest quality. **Postpaid.** Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50; lb. \$12.00.

**UTAH No. 15**—A tall Utah strain of midseason maturity. Plants large; height 26 to 28 inches. Leaves dark green, deeply cut, moderately broad. Plants erect, compact, full hearted. Edible stems 8 to 10 inches long, numerous and of medium width, thick, rounded and quite smooth. Crisp and of fine quality. Very resistant to blight. **Postpaid.** Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50; lb. \$12.00.

**UTAH 10-B**—An outstanding strain of green celery that is slightly later than regular Utah. Plants tall, 26 to 28 inches, leaves large, medium deep green. Plants erect and compact with edible stems 8 to 10 inches long, of uniform length, rounded, thick and of waxy appearance. It blanches easily and tender. Crisp and of excellent quality. **Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50; lb. \$12.00.**

**GOLDEN SELF BLANCHING, TALL STRAIN**—The plants grow very tall and weigh very heavy. The stalks are wide and rather flat, while the quality is extra fine. This strain is very early and especially valuable in dry climates. **Postpaid.** Pkt. 10c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50; lb. \$12.00.

## HIGH GRADE CELERY SEED

We have a large trade with commercial celery growers all over the Nation. Repeat orders indicate customers are satisfied. We invite all growers to try our seed.



Celery, Utah Jumbo

## Celeriac

**TURNIP ROOTED CELERY, SPECIAL STRAIN**—The roots are turnip shaped and are used for soups and stews. Very hardy and will stand in open all winter in the Coast regions. **Postpaid.** Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  $\frac{1}{4}$  lb. \$2.00; lb. \$7.00.

## Pop Corn

**MINHYBRID 250 HULLESS**—This hybrid pop corn is extra early. It pops about one-third more than old varieties. The finest for quality, flavor and crispness. **Pkt. 15c;  $\frac{1}{2}$  lb. 35c; lb. 65c.**

**\*AUSTRALIAN HULLESS (Improved White Rice)**—Small, sharp pointed, white grains. Extra fine quality. **Postpaid.** Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c. **Not prepaid,** 10 lbs. @ 25c lb.

**\*SPANISH PEARL**—Large, round, smooth, white grains. Fine commercial sort. **Postpaid.** Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c. **Not prepaid,** 10 lbs. @ 25c lb.

## Florence Fennel

This fine Italian vegetable should be planted more generally. Use like celery or for flavoring. For best results plant July 15 to August 15 in rows 2 feet apart and thin to 1 foot apart. It is not difficult to grow on good, rich soil. **Postpaid.** Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c.

## FLOWER SEEDS

We have a very complete flower seed list. Annuals and Perennials are listed separately. Annual Flower Seeds begin Page 34. Perennial Flower Seeds begin Page 46. We publish a special price list for Florists, which may be had upon request. Please give your license number.

# SWEET CORN

**CULTURE**—Prices paid for first early corn will pay the grower to take chances on early planting. For this planting use 4 to 5 seeds per hill and cover one inch deep. Space hills 28 to 36 inches, and rows 3½ feet, allowing two stalks to the hill or as some prefer, and we think this gives the best results, plant 12 inches between hills, and thin to one stalk; this gives all the stalks an even show. April 1 to May 1 is a good season for early corn, of course, depending on the weather. May 15th to 25th is good for the later sorts, as they do not resist damp, cold weather as well as the early varieties.

Corn will not fill well unless the patch planted is blocked out; those planting small quantities should make the patch square, or nearly so. This will permit the pollen to blow down on the silk, fertilizing the ears. Early corn may be planted in succession up to July 5.

## Open Pollinated Varieties

**PRICES**—Unless noted are uniformly; Postpaid. Pkt. 10c; ½ lb. 25c; lb. 40c. For 4th zone and beyond, 45c. Not prepaid, lb. 35c; in any one variety, 5 lbs. @ 32c; 10 lbs. @ 30c; 25 lbs. @ 25c lb.

**GOLDEN MIDGET**—A miniature sweet corn that has found a place in small city gardens. The stalks grow only 2½ to 3 feet tall, bearing several small golden ears about 4 to 5 inches long. The quality is very good and it matures very early. It takes very little room in the garden compared to standard varieties. Postpaid. Pkt. 15c; ½ lb. 35c; lb. 60c.

**\*GILL'S EARLY GOLDEN SWEET**—Earliest of the golden varieties. Ears average about the same size as Improved Bantam with stalks four feet tall. We recommend this for market and home gardens. The sweetest first early variety we have tested. The best and earliest high quality first early sort. Our own introduction. We have increased the size.

**\*GILL'S IMPROVED GOLDEN BANTAM**—Superior to the original Golden Bantam in quality and nearly twice the size, also one week earlier. Nearly all ears carry 12 rows of deep, rich golden yellow kernels set close upon the cob. Do not compare this with the original strain, as it is far superior in every respect, and any gardener who places this corn on the market will command better sales.

It has no superior for quality markets, table, canning or drying. Remember, we are the originators of this improved strain and continue our careful stock seed selections each year. We have received many letters of praise for this corn and many of our customers will have nothing else. We consider this the best quality of any sweet corn to date. It represents over 30 years of careful selection by ourselves directed toward quality and size.

**\*GILL'S GOLDEN EARLY MARKET**—The earliest large, true sweet corn of golden color. It is a cross between our Improved Golden Bantam and Early White Market. According to our own trials and reports from all over the country, it is earlier and larger than Golden Sunshine. It is the outstanding early corn and is a money-maker for gardeners. For home use or market, be sure to plant this variety. It matures about a week earlier than Improved Golden Bantam. Large, golden ears, tightly filled with large sweet grains of high quality. Originated by our firm.



Sweet Corn, Gill's Golden Early Market

## Yellow Sweet Corn Collections

### OPEN POLLINATED VARIETIES

We offer one packet each of Early Golden Sweet, Golden Early Market and Improved Golden Bantam for 25c; ½ lb. each for 65c; 1 lb. each for \$1.00. Postpaid. Beyond 4th zone add 15c extra on lb. collection. This makes a splendid succession if planted at the same time. They are all of high quality.

### HYBRID COLLECTION

This offers a good rotation in Hybrid varieties. One packet each of Spencross, Golden Cross and Golden Grain for 25c; ½ lb. of each 80c; 1 lb. of each \$1.40. Postpaid. Beyond 4th zone add 15c extra on lb. collection. By planting both collections you will have sweet corn for a long season.

## Hybrid Sweet Corn

**PRICES**—Unless noted are uniformly: Postpaid. Pkt. 10c;  $\frac{1}{2}$  lb. 30c; lb. 55c. For 4th zone and beyond, lb. 60c. Not prepaid, lb. 50c; in any one variety 5 lbs. @ 45c lb.; 10 lbs. @ 36c lb.

**\*WHITE CROSS BANTAM**—Recommended in place of Stowell's Evergreen. A valuable new white hybrid of outstanding quality. Strong stalks 6 to 7 feet tall, producing large ears with 18 to 20 rows per ear. Pure white grains, somewhat small but deep. We found it equal in sweetness and tenderness to the finest yellow varieties. Season about the same as Golden Cross Bantam.

**GOLDEN GRAIN**—Two weeks later than Golden Cross Bantam. Vigorous tall stalks, 7 to 8 feet high; productive of large, plump ears, one-third larger than Golden Cross, containing 16 to 20 rows of narrow, deep yellow grains. Ideal for large, late hybrid corn of fine quality. Postpaid. Pkt. 15c;  $\frac{1}{2}$  lb. 35c; lb. 60c. Not prepaid, 5 lbs. @ 50c per lb.

**TENDERMOST**—Ears are somewhat larger and longer than Golden Cross. Plants 6 inches taller and a few days later. Very productive. Grains quite deep and of very fine quality. Exceptionally sweet and tender.

**\*IOANA**—Very productive, highly resistant to drought and wilt. Very valuable for gardeners and canners. Ears  $7\frac{1}{2}$  to 8 inches long, 12 to 14 rows; well filled with medium-narrow, light yellow kernels. Tall, sturdy plants with broad leaves. Very high quality.

**\*SPANCROSS**—A good first early hybrid for home or market. Very resistant to disease. Large ears, golden yellow, tender and sweet. An extra early hybrid.

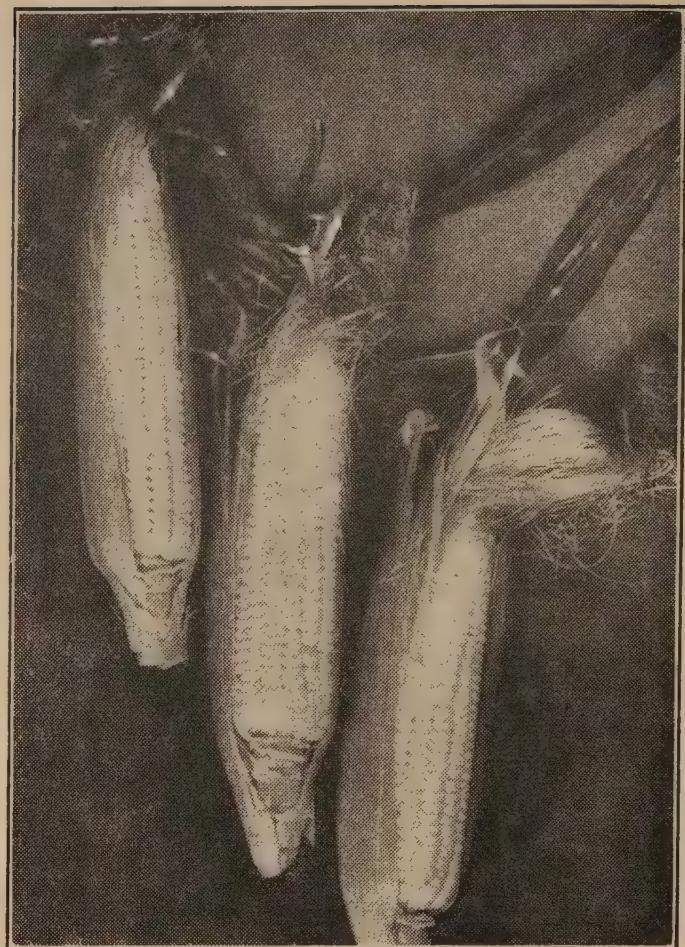
**\*MARCROSS**—A little later and larger than Early Marcross. Fine quality and very popular with market gardeners. Yellow grains of fine quality.

**\*EARLY MARCROSS**—An early yellow hybrid with 12 row ears, longer than Golden Early Market and about one week later. Good quality.

**\*CARMELCROSS**—Large, uniform golden ears, 12 to 14 rows, about one week later than Early Marcross. Very fine quality and a good producer. A fine market variety and very popular where Golden Cross Bantam is too late.

**\*LINCOLN**—A fine hybrid sweet corn. Vigorous, well foliaged plants with ears 12 to 16 rowed. Bright yellow kernels of fine quality. A valuable late variety for market, with large perfect ears. Because of heavy production of fodder and ears this variety is also popular for dairy feed.

**EARLY GOLDEN HYBRID**—One of the newer varieties maturing a few days ahead of Early Marcross. High quality and a good producer.



Corn, Golden Cross Bantam

**\*GOLDEN CROSS BANTAM**—A hybrid sweet corn especially valuable where Stewart's disease (wilt) makes it impossible to grow ordinary varieties. Excellent for market gardeners and canners. 12 row ears, more resistant to worm damage and heaviest yielding of any yellow sweet corn variety. Matures very uniformly. Ideal for freezing.

## Egg Plant

Start in hot beds like tomatoes. Set 2 feet apart in the rows and 3 feet between.

**BLACK BEAUTY**—The earliest and best of the large fruited varieties. Color rich, lustrous purplish black. Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  $\frac{1}{4}$  lb. \$2.25; lb. \$8.00.

**NEW HAMPSHIRE HYBRID**—An extra early variety maturing in 70 days. Fruit round to olive shape. The best variety where seasons are short. Also suited for market gardeners who wish to market early crops. Postpaid. Pkt. 15c;  $\frac{1}{2}$  oz. 75c; oz. \$1.25.

## Horse Radish

Plant in the spring 18 to 24 inches apart. Set the roots small end down. Postpaid. Doz. 65c; 100 for \$3.25. Write for prices on quantities.

### SATISFIED CUSTOMERS

We ship seeds and bulbs all over the United States and Canada and secure repeat orders. Why not try us.

# FIELD CORN

The growing of field corn in the Pacific Northwest has now reached a stage where it is past being an experiment, and with acclimated seed it is not difficult to obtain success. We do not handle any but Northwest grown seed of dent corn, and our customers may feel sure of getting acclimated seed. Do not plant field corn near sweet corn or they will mix.

## Open Pollinated

**\*ALBANY DENT** (formerly called Albany Hybrid)—A cross between Minn. No. 13 and Pride of the North. It has the earliness of the No. 13, and the deep grain and small cob of the Pride of the North. It has been given careful selection and is, we believe, one of the finest sorts for grain or ensilage. **Postpaid. Pkt. 10c; 1b. 35c. Not prepaid, 1b. 30c; 10 lbs. @ 14c per lb.; 100 lbs. for \$12.50.**

**\*MINN. NO. 13**—An early variety well suited to the Northwest. Grains golden yellow, deep and heavily dented. Prices same as Albany Dent.

## Hybrid Field Corn

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 10c; 1b. 40c. Not prepaid, 1b. 35c; 10 lbs. @ 20c lb.; 50 lbs. @ 19c lb.; 100 lbs. or more @ 17c lb.**

**\*IDAHO HYBRID** (Grain Type)— Same season as Minn. No. 13. The extensive root system keeps the plants erect throughout the season, producing extra long ears and a heavy yield of grain.

**\*IDAHO HYBRID** (Silage Type)— Same as grain type, except bred for a longer growing season in order to produce a heavier crop of silage material.

**\*OREGON HYBRID No. 525**—A splendid yellow dent hybrid ripening in a little over 100 days. Uniform, large ears; heavy yielding for grain or ensilage.

**OREGON HYBRID No. 100**—Produced by Oregon Agricultural Experiment Station, and is one of the earliest varieties of hybrid field corn. Ears 12 to 16 rows, kernels rather short and flat. Stalks about 6 feet and nearly free of suckers. Especially valuable for grain.

## Kohl Rabi

**EARLY WHITE VIENNA**—Kohl Rabi should be grown more, as it is a delicious vegetable, cooked like turnips. Transplant like cabbage in July; rows 2½ feet wide and 1 foot in rows. Can be sown in rows and thinned. **Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.60.**

**PURPLE VIENNA**—Dwarf plants; green leaves with purple stems. Shape globular, purple with white, tender flesh. Prices same as Early White Vienna.



Cucumber, Cubit

## CUCUMBERS

**CULTURE**—Plant 4 feet each way in rich, loamy soil, from May 1 to July 1; 8 to 10 seeds to a hill; thin to two good vines. Cover seed one inch deep and press soil fairly firm.

**PRICES**—Unless noted: All cucumber prices listed are postpaid. **Pkt. 10c; oz. 25c; ¼ lb. 75c; 1b. \$2.25.**

**DELCROW** (New)—A splendid novelty with rich dark green cucumbers with rather smooth surface and white spines. It holds its color well and has small seed cavities. Suited for outdoor, frame or greenhouse culture. Maturity mid-season. **Pkt. 15c; oz. 50c; ¼ lb. \$1.50.**

**SWEET WHITE**—If you have a prejudice against white cucumbers it will be overcome by this splendid creamy white variety. Long, slender cucumbers, often 12 inches long, with brittle flesh and small seed cavity. It is the most free from bitterness of any variety we have tried. It does best in quite rich soil. Unexcelled for slicing and ideal for bread and butter pickles. A shy seed producer. Because of its tenderness half grown cucumbers can be used without peeling. Our introduction in 1947. **Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.**

**CUBIT**—Cubit is a prolific, white spined variety distinguished by unusually uniform, dark green exterior color and long blunt ends, cylindrical shape, so much so that it has been compared to a rolling pin. The interior has smooth, crisp texture with small seed area and it is admirably adapted for slicing. It does not quickly "flag down," but holds its fresh quality well, a very important factor for market growers. A valuable new variety. **Pkt. 10c; oz. 30c; ¼ lb. 95c; 1b. \$2.75.**

**MARKETER**—A very popular variety for home gardens and markets. Smooth, long cucumbers of intense deep green. About 8 inches long with small seed area; of finest quality. Same prices as Cubit.

**THE VAUGHAN or LONGFELLOW—** Among the best slicing cucumbers to date for market purposes. The cucumbers are long, straight and of even diameter. When ready for slicing they will average a foot long and about one and one-half inches in diameter. They are a very deep green and the quality is extra fine. **Pkt.** 10c; **oz.** 30c; **1/4 lb.** 95c; **lb.** \$2.75.

**DELTUS**—This has high quality and is desirable for slicing; also valuable for greenhouse forcing. It holds its seedless period longer than most sorts. It averages 10 inches long and 3 inches in diameter; smooth, white spined, rounded ends; white, firm flesh; dark green color. **Pkt.** 10c; **oz.** 30c; **1/4 lb.** 95c; **lb.** \$2.75.

**SPECIAL LONG GREEN**—Try The Vaughan instead.

**BURPEE'S HYBRID**—Most outstanding, disease resistant slicing cucumber; vines extremely vigorous, long lived, bearing a big crop of long, straight fruits of finest quality. **Pkt. (30 seeds)** 25c; **1/2 oz.** \$1.25; **oz.** \$2.25.

**STRAIGHT EIGHT**—For home, shipping and market gardens. Fruit uniformly cylindrical, rounded at ends, medium green. **Postpaid.** **Pkt.** 10c; **oz.** 30c; **1/4 lb.** 85c; **lb.** \$2.75.

**DAVIS PERFECT**—A strong, vigorous grower, producing heavy crops of uniform, long, dark green cucumbers. A good variety for pickles and slicing.

**COLORADO**—Very attractive market and shipping variety. Fruit dark green, cylindrical and with small seed cavity. One of the best for uniformity, texture and appearance. **Postpaid.** **Pkt.** 10c; **oz.** 30c; **1/4 lb.** 95c; **lb.** \$2.75.

**LEMON CUCUMBER**—Resembles a lemon, both in color and form. Splendid for pickling or slicing. This variety is outstanding in quality. Free from bitterness and ideal for family use. **Postpaid.** **Pkt.** 10c; **oz.** 35c; **1/4 lb.** 95c; **lb.** \$2.75.

**ARLINGTON WHITE SPINE**—Considered the best strain of White Spine.

**IMPROVED EARLIEST OF ALL**—Vigorous grower. Dark green, desirable for slicing and pickling.

## Pickling Cucumbers

**PRICES**—Unless noted are: **Postpaid.** **Pkt.** 10c; **oz.** 25c; **1/4 lb.** 70c; **lb.** \$1.85.

**DOUBLE YIELD**—A new prolific pickling cucumber. It produces enormous quantities of pickles of the most desirable shape and color, often producing twice as many as any other variety. Black spines. It is very early, producing fruit of medium length, very straight with blunt ends and of deep green color. **Pkt.** 10c; **oz.** 30c; **1/4 lb.** 90c; **lb.** \$2.50.

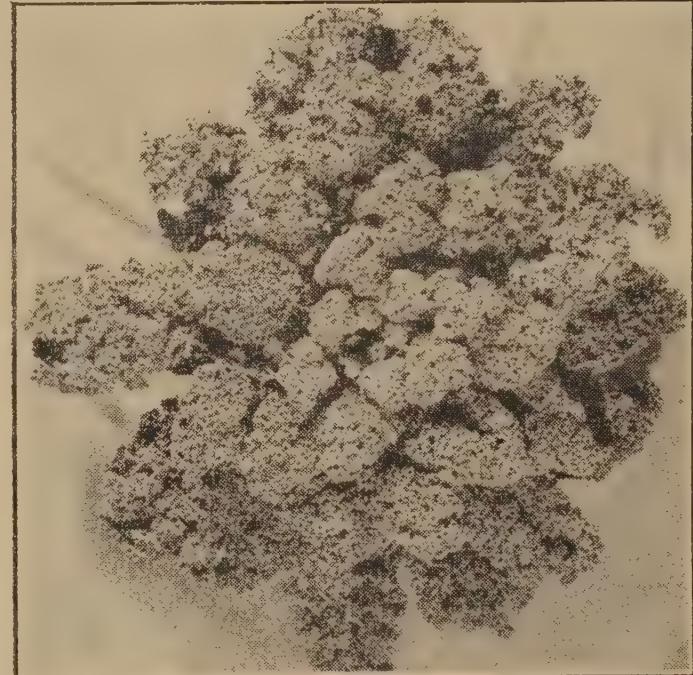
**NATIONAL PICKLING**—Ideal for pickling; fruits deep green, symmetrical with thick walls; full ended; slightly shorter than Chicago Pickling.

**BOSTON PICKLING**—A popular pickling sort, medium sized and vigorous.

**SNOW'S PERFECTION**—A very popular pickling cucumber. Heavy yielder.

**CHICAGO PICKLING**—A vigorous grower; medium green cucumbers with nearly square ends; very prolific; well warted at pickle stage. Largest of the pickling varieties.

**SMALL GHERKIN**—A small, round, prickly variety used only for pickles. **Pkt.** 10c; **oz.** 25c; **1/4 lb.** 75c; **lb.** \$2.25.



Kale, Dwarf Blue Green Curled.

## KALE, Edible

Culture, same as that of cabbage.

**DWARF BLUE GREEN CURLED**—This is a green shade similar to the common cabbage blue hue. The leaves are not so subject to turning yellow during the winter. Well curled foliage. **Pkt.** 10c; **1/2 oz.** 30c; **oz.** 50c; **1/4 lb.** \$1.50; **lb.** \$4.00.

**\*TALL GREEN SCOTCH CURLED**—Tall and finely curled leaves. We recommend this sort because the edible leaves are carried off the ground away from mud spattering. **Postpaid.** **Pkt.** 10c; **1/2 oz.** 30c; **oz.** 50c; **1/4 lb.** \$1.50; **lb.** \$4.00.

**\*DWARF GERMAN**—Finely curled, low growing. In cold, dry sections it will cover with snow and be protected. **Postpaid.** **Pkt.** 10c; **1/2 oz.** 30c; **oz.** 50c; **1/4 lb.** \$1.50; **lb.** \$4.00.

**GEORGIA COLLARDS**—Valuable greens for table use and stock feeding. They grow 2 or 3 feet tall and form loose, open cabbage-like plants. They withstand our winters and can be used all winter long. **Postpaid.** **Pkt.** 10c; **oz.** 25c; **1/4 lb.** 75c; **lb.** \$2.00.

# Kale for Feeding

**\*JERSEY KALE (Improved Thousand Headed)**—Large, heavy, massive plants, with giant, broad leaves. This variety produces by far the largest crop. We offer seed of our own growing. **Postpaid.** **Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25.**

**\*THOUSAND HEADED**—It makes more branches than Jersey Kale. Very hardy. **Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25.**

## Bottle Mushroom Spawn

Grown in sterile bottles which are removed and the spawn then packed in cartons. One carton of spawn sufficient for 40 sq. ft. of bed. Produces fine white mushrooms. **Postpaid. Per carton, \$1.15.**

## Herb Seeds--For Planting

**ANISE**—Used as a cordial and for garnishing and flavoring. Seeds have an agreeable aromatic taste. **Pkt. 15c.**

**BASIL (Sweet)**—For soups, stews and highly seasoned dishes. **Pkt. 15c.**

**BORAGE**—Star-shaped blue flowers. Leaves and flowers have a cucumber flavor, for salads and cold drinks. **Pkt. 15c.**

**CARAWAY**—Used for flavoring of bread, pastry, etc. **Pkt. 15c.**

**CATNIP**—Used for seasoning. It also makes an excellent bee pasture. **Pkt. 15c.**

**CHERVIL (Annual)**—Parsley-like leaves for flavoring salads. **Pkt. 15c.**

**CHIVES**—Leaves used in salads and for flavoring soups and stews. **Pkt. 15c.**

**CORIANDER**—The seeds are used for flavoring and confectionery. **Pkt. 15c.**

**HOREHOUND**—For flavoring. **Pkt. 15c.**

**MARJORAM (Sweet)**—The leaves and the ends of the shoots are esteemed for seasoning in summer and are also dried for winter use. **Pkt. 15c.**

**SAGE (Broad Leaf)**—Perennial for seasoning. **Pkt. 15c; 1/2 oz. 85c; oz. \$1.50.**

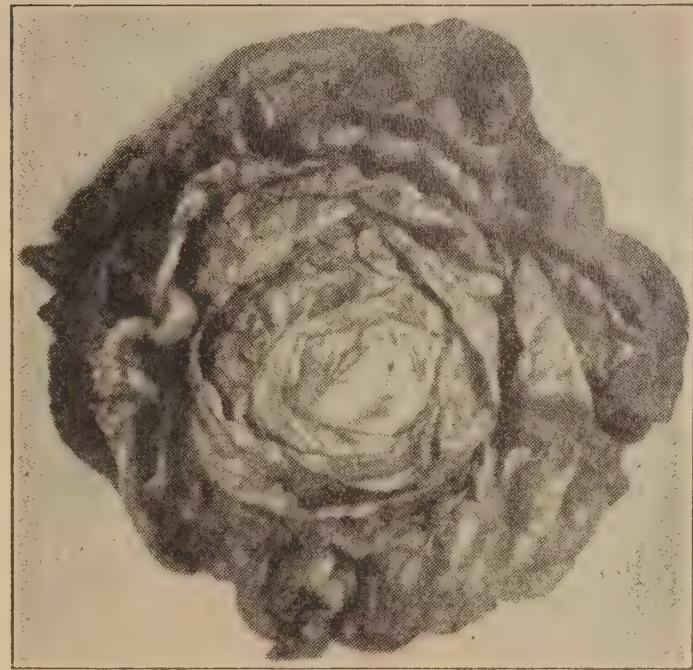
**SUMMER SAVORY**—A hardy annual. The dried stems, leaves and flowers are extensively used for flavoring in dressings and soups. **Pkt. 15c.**

**THYME**—Used for seasoning. **Pkt. 15c.**

## Leek

Easy to grow and will stand through the winter without injury from freezing. It is ideal for soups and stews. It can be planted in rows from seed or it can be transplanted when the plants are small. Plant from early spring up to June 1st. If bleaching is preferred cover with soil except a little of the tip leaves.

**MUSSELBURG**—Vigorous, large sort, suited for market or home use. **Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.50; lb. \$4.00.**



Lettuce, White Boston

## LETTUCE

### Other Than N. Y.

**CULTURE**—This group contains loose leaf and soft heading varieties. They have the advantage of quick and easy culture. They also contain more vitamins. Loose leaf lettuce can be grown more thickly than New York types.

**PRICES, unless noted: Postpaid. Pkt. 10c; oz. 30c; 1/4 lb. 75c; lb. \$2.10.**

**BRONZE BEAUTY**—All-America winner 1947. A splendid new lettuce. A bronze counterpart of Oak Leaf. It possesses all the fine points of that variety and is really a beauty; also valuable for decorations. Very tender and sweet. **Pkt. 15c; 1/2 oz. 40c; oz. 75c.**

**OAK LEAF**—Forms a bunch or indefinite head of medium size and light green. Excellent quality, and being free from bitterness, is ideal for summer use.

**ICEBERG**—Produces large heads, very tender and brittle. Withstands hot weather better than most sorts.

**WHITE BOSTON**—An excellent butterhead type. Hardy for early planting.

**TOMHANNOCK or PRIZE HEAD**—A beautiful quick growing loose leaf lettuce. Leaves large, bordered reddish brown; very tender and sweet.

**GRAND RAPIDS**—The standard hot-house lettuce for forcing; also does fine in the open ground. Loose leaves with light fringed edges.

**COS, PARIS DARK GREEN (Romaine)**—It forms a good firm head, which is light green and white at the heart.

**CHICKEN LETTUCE**—A rough, tall, loose plant for feed only. Grows 4 feet high and supplies abundant green feed. Fine tonic for laying hens.

Quality will be remembered long after the price is forgotten. We have seen growers who lost hundreds of dollars in crops because they saved a few dollars on the cost of the seeds.

# HEAD LETTUCE

**CULTURE**—Can be planted almost any time of the year. Give head varieties plenty of room, at least 14 inches apart each way. Cover one-half inch deep. Referring to head lettuce, it is generally agreed among large growers that some aging of the seed produces earlier and firmer heads, besides making them more sure heading.

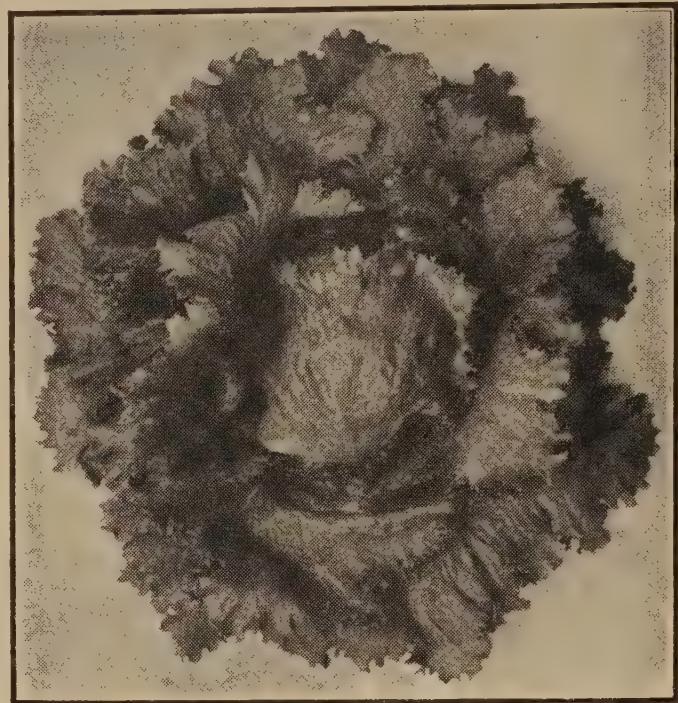
## New York Strains

**PRICES ON NEW YORK STRAINS—**  
Unless otherwise noted are: Postpaid.  
Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00;  
lb. \$3.25.

This type is the most popular lettuce in America. It makes large, solid heads and bleaches very white and brittle. We have a very large trade with market gardeners and sell New York seed to plant thousands of acres each year. Do not gamble with your crop by buying cheap lettuce seed. Intensive selection has resulted in many strains of New York, several of which we list below. Market gardeners require many different types to cover the various seasons and climatic conditions. For home gardeners we recommend New York Supreme, New York B, and any of the Great Lakes varieties.

**PENNLAKE**—Cross between Great Lakes and Imperial 847. This variety combines the solidity and tipburn resistance of Great Lakes with the larger head size of Imperial 847 and because of its crisp, dark green, smooth foliage belongs in the general Great Lakes class but without the usual objectionable ribbiness. Pennlake is distinctive for its greatly increased uniformity of plant and head type, thus insuring a high percentage of marketable heads at first cutting. The heads are of excellent quality, very compact and with noticeable extension of green coloring into the interior. They are usually protected from scald by broad enfolding wrapper leaves. In maturity Pennlake is in season with standard Great Lakes. Heat resistance is not equal to Great Lakes but the quality is better. A splendid lettuce for early and late crops. Pennlake also does well as a fall crop in field or in frames and is adapted to home and market garden use on upland or muck soils throughout the United States. **Postpaid.** Pkt. 15c;  $\frac{1}{2}$  oz. 50c; oz. 90c;  $\frac{1}{4}$  lb. \$2.25; lb. \$6.50.

**EARLY GREAT LAKES**—This fine new strain is earlier and more uniform than the original Great Lakes. It is more refined with less fringes and the quality is better. In size, about the same as the regular Great Lakes, but equally resistant to heat and tip-burn. The underside leaves are darker green, making them more attractive when packed. It has shown up exceedingly well for Spring, Summer and Fall cutting. The solid heads are brittle and sweet. Market gardeners tested it out last season and were enthusiastic about it. **Pkt. 15c;  $\frac{1}{2}$  oz. 50c; oz. 90c;  $\frac{1}{4}$  lb. \$2.25; lb. \$6.50.**



Lettuce, Great Lakes

**GREAT LAKES**—A large, sure heading variety exceedingly resistant to warm weather. Especially valuable on higher soil and in dry weather conditions. What chiefly distinguishes Great Lakes from other varieties of the Imperial type is its increased resistance to tip-burn injury and great ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the heads so that when unwrapped they give large sections desirable for salad. Large solid heads of fine quality, and also very sure heading. It is adaptable for good heads almost nationwide. This has also proved excellent for the early fall crops. **Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c;  $\frac{1}{4}$  lb. \$1.90; lb. \$5.50.**

**LATE GREAT LAKES**—A new strain of Great Lakes which matures about one week later than the regular Great Lakes. The heads are darker green than Great Lakes with a light green exterior at the base. They are very sure heading and uniform. Very resistant to heat. A fine lettuce deserving a good trial. **Pkt. 15c;  $\frac{1}{2}$  oz. 60c; oz. \$1.00;  $\frac{1}{4}$  lb. \$2.50; lb. \$7.50.**

**CORNELL 456**—Valuable for growers in Eastern States and some sections of the Pacific Coast. Slightly earlier than Great Lakes and is claimed to be more resistant to tip-burn. Heads very firm but smaller than Great Lakes. **Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 70c;  $\frac{1}{4}$  lb. \$1.90; lb. \$5.00.**

**IMPERIAL "44"**—Medium sized, firm heads with few outer leaves. Fine for August and early September cutting in the Pacific Northwest. Recommended for general use in Eastern locations. Exceptionally fine for low, dark soils.

**IMPROVED B**—Ideal for commercial growers. An improvement over New York B for market gardeners.

**NEW YORK No. 12**—Large, compact, medium green heads, adapted to early spring and summer cutting.

**IMPERIAL "847"**—Large, dark green heads, desirable for spring, summer and fall cutting. Tip-burn resistant. Black seed. Especially valuable for Fall crops.

**NEW YORK SUPREME No. 55**—A true New York strain making solid, attractive heads. The earliest N. Y. strain and notable for its excellent table quality. Besides this it is fine for early spring and fall lettuce. Both home and market gardeners should try this strain.

**IMPROVED 615 (No. 101)**—An improved selection that has given fine results. Quite similar to Imperial 615, but more uniform. It makes large solid heads that are very important for fall cutting. **Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.00.**

**NEW YORK "B" (No. 199)**—Resembles No. 12, but has better leaf coverage, is larger and more burn resistant. Desirable for early spring and fall cutting.

**IMPERIAL "152"**—Medium sized solid heads. Quite hardy, very sure heading, also resistant to brown blight. Especially desirable for fall cutting.

## MUSTARD

**PRICES**—Unless noted are: Postpaid. **Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50.**

**FLORIDA BROAD LEAF**—Large, upright plant; leaves exceptionally large and thick, bright green. Leaves smooth with toothed edges.

**FORDHOOK FANCY**—A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed.

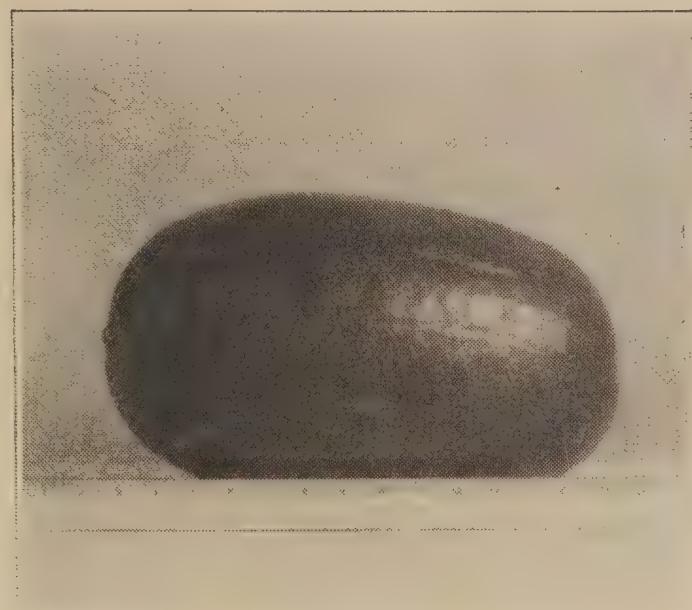
**GIANT SOUTHERN CURLED**—Very popular. Leaves long and wide, light green, heavily crumpled and curled at edges. Best suited for fall crops.

**TENDER GREEN**—Sometimes called mustard spinach. Rapid growing Oriental greens producing immense yields. It is suited for early spring or fall sowing. Mild mustard flavor, smooth leaves.

**BOK TOY SPECIAL**—A Chinese variety of large size and mild flavor. Plant in rows or sow broadcast in mid-August or early September. Commercial growers transplant the seedlings in very rich soil. Special selected seed from a successful Chinese grower. **Pkt. 15c; 1/2 oz. \$1.25; oz. \$2.00; 1/4 lb. \$7.00; lb. \$25.00.**

### REASONABLE PRICES

Our prices are reasonable considering the quality also increases in transportation, labor and other costs.



Klondike No. 7 Watermelon

## WATERMELON

**CULTURE**—Plant 8 to 10 seeds in hills 6x6. Thin to 2 best vines. Turn vines with the rows. Plant May 1st to 20th.

**PRICES: Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.65.**

**ICE BOX**—A fine, red fleshed, extra early and hardy home garden melon of excellent flavor. Being about six inches in diameter, it will fit in refrigerators.

**EARLY ARIZONA**—Medium sized round melons with dark green rind and deep red flesh. Dark brown seed. About 30 days earlier than Klondike.

**EARLY CANADA**—A high quality extra early variety. Rather round shape, weighing about 10 pounds. Matures in about 80 to 90 days.

**KLONDIKE No. 7 (Wilt Resistant)**—This special strain is exceptionally sweet and fine. The flesh is very brittle and the fruit oblong with deep green rind.

**STRIPED KLONDIKE, BLUE RIB-BON**—Wilt resistant strain with thin, hard, tough rind. Weight 20 to 25 pounds; flesh deep, rich red and sweet.

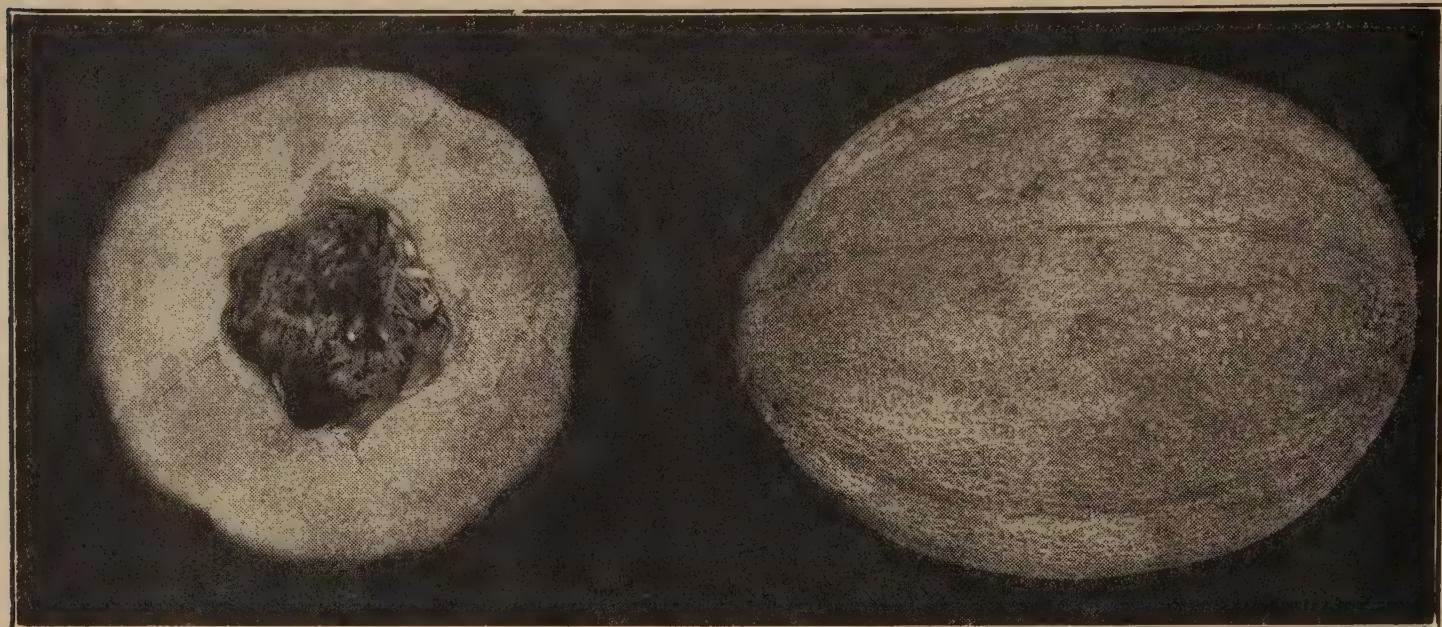
**STRIPED KLONDIKE No. 11**—Ready in 90 days. The highest in sugar content of the striped Klondike strains. Flesh bright red. It often carries three or four mature melons at one time that easily attain a size of 25 to 30 pounds.

**BLACK SEEDED ICE CREAM**—Round shaped melons with thin, ivory colored skin. Pink meat and of fine quality. It will keep late into the winter. Very prolific. Matures very early.

**PRESERVING CITRON**—Round green fruits distinctly marked with irregular stripes. Used for preserves and candied fruit. **RED SEEDED or GREEN SEEDED.**

# MUSKMELON

**CULTURE**—Loam soil is best, fertilized with rotted manure and a complete commercial fertilizer. Plant 4 to 6 feet, giving more room for larger varieties. Use 8 to 10 seeds to the hill; cover 1 to 1½ inches deep. Turn vines with row to permit cultivation. Plant May 1st to 25th.



Oregon Delicious Melon

**PRICES**—Unless noted: Postpaid. Pkt 10c; oz. 35c; ¼ lb. 85c; lb. \$2.25.

**\*OREGON DELICIOUS**—We introduced this exceptional melon for quality, size and earliness. They usually weigh 6 to 8 pounds but sometimes weigh up to 12 pounds. The shape is oblong, slightly ribbed and with a creamy slate green color when ripe. The flesh is salmon, very thick and of wonderful quality. The melons are quite heavily netted and of attractive appearance. It is a selection from the Spear melon. Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.60; lb. \$4.50.

**\*SPEAR MELON**—This is the original type, somewhat smaller than Oregon Delicious. The netting is more sparse although the quality is very good. A splendid melon for local markets and stands. It matures quite early and is suited to northern sections with short growing seasons. Postpaid. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25; lb. \$3.50.

**NEW YORKER**—This new melon has great promise for home and market gardeners. A large melon, bigger than Bender with rind very strong or hard, covered with heavy netting. It is slate colored, turning to light yellow gray when fully matured. The thick, brilliant flesh has a very high sugar content and the texture is soft and of delicious quality. A better shipper than Oregon Delicious.

**EXTRA EARLY KNIGHT**—A very early green meated melon. Fruit oblong, weighing around 2 pounds; flesh thick, green, juicy and sweet. One of the earliest for the Pacific Northwest.

**HEARTS OF GOLD**—Grown extensively for local market. Fruit nearly round; weight about 3 lbs.; distinctly

ribbed, deep green with fine gray netting. Flesh thick, deep salmon; tender, juicy, sweet and aromatic.

**EARLY BENDER**—A large, highly flavored, round melon; very early. Delicious, deep orange flesh. Very popular, high quality variety for home gardens.

**JUMBO HALE'S BEST or TRIUMPH**—Early, very heavily netted, no ribs, and 25 to 30% larger than the regular Hale's Best. Thick, bright orange flesh and extremely small seed cavity.

**HONEY DEW (Green Flesh)**—A round-oblong shaped melon with almost white rind. Flesh thick, light green and sweet as honey.

**GOLDEN RIND HONEY DEW (Green Flesh)**—Also called Golden Honeymoon. About ten days earlier than regular Honey Dew. Same shape, thick flesh, good flavor and carries well in shipping.

**MAMMOTH PERSIAN**—Large, round, heavily netted melon without ridges. Thick orange flesh of delightful flavor. Usually averages about 10 lbs. in weight.

**MEDIUM PERSIAN**—A smaller type of Persian melon weighing about 5 to 6 pounds. Except for size, similar to the regular Persian.

**HALE'S BEST EARLY "936"**—A selected strain a little larger than No. 36. Fruit 6½ by 5¾ inches; heavily netted. Flesh deep salmon and of fine quality.

**HALE'S BEST No. 36**—About one week earlier than No. 936, 5¾ by 5¼ inches. Uniform, heavily netted and fine quality. 85 days to maturity.

**RESISTANT No. 50**—A fine shipper, rather oblong in shape. Especially fine for market gardeners and fruit stands. Very fine quality. Resistant to mildew.

## Casaba Melon

**CRANSHAW**—This melon is very popular in the local markets of Central California. Some of the main restaurants claim it is their best seller. It is a hybrid casaba maturing about the same season as Golden Beauty Casaba. The flesh is thick, of light salmon color and of fine quality. It is not suited for shipping, and is best suited for nearby markets and stands. **Postpaid.** **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.**

**GOLDEN BEAUTY**—Bright yellow, almost globular in shape and the first to ripen. They will mature in most localities where melons can be grown. **Postpaid. Pkt. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.50.**



Garlic, Silverskin

## Okra

**CULTURE**—Okra is easy to grow. Plant May 20th to June 20th. Try planting some of this fine vegetable.

**PERKIN'S MAMMOTH LONG GREEN**—Medium early, very productive. Pods 7 to 8 inches long, slender, meaty, tapered and ribbed. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. \$1.00.**

**EARLY DWARF GREEN**—Very productive of short, deep green pods; extra early. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. \$1.00.**

## Garlic

**CULTURE**—Garlic does best when planted in the fall in late October and in November or in the spring as early as possible. Place rows 18 inches apart and space the garlic sections 4 inches apart in rows. Leave the tip of the sections just barely covered.

**\*SILVERSKIN**—Large late keeping variety. **Postpaid. 1/2 lb. 35c; lb. 60c. Not prepaid, 5 lbs. @ 55c.**

**\*LARGE FRENCH**—An early, large sort grown for summer sales. **1/2 lb. 40c; lb. 70c. Postpaid.**

## Parsley

**CULTURE**—Plant in early spring, covering about  $\frac{1}{2}$  to 1 inch deep. Can also be planted up to July 15th with later plantings 1 inch deep.

**TRIPLE MOSS CURLED**—Dark green moss-like leaves. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50.**

**PLAIN**—Leaves plain; dark green, deeply cut, but not curled. Vigorous growth. **Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50.**

**HAMBURG or TURNIP ROOTED**—For flavoring soups and stews. **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 75c.**

## ONION SETS

**\*BOTTOM SETS**—Small onions grown from seed planted too thickly to reach mature size. They produce green onions in a short time, or if left to grow they will produce nice, large dry onions earlier than those grown from seed. It is best to use the smallest sets to provide dry onions and larger ones for green onions. **Postpaid. 1/2 lb. 25c; lb. 40c; 3 lbs. for \$1.00 postpaid. Not prepaid, 5 lbs. @ 30c; 10 lbs. @ 28c per lb.**

**YELLOW MULTIPLIER or SHALLOTS**—Popular perennial that multiplies each year. Desirable for early crops. Brown skin, mild, white flesh. **Postpaid. 1/2 lb. 30c; lb. 55c.**

**EGYPTIAN or TOP SETS**—Popular, old-fashioned perennial onion. Often planted along a fence. Available for green onions most of the fall and spring. It is best to plant them in the early fall; however, they can be set out in the early spring. **Postpaid. 1/2 lb. 35c; lb. 60c.**

**POTATO ONION SETS**—This old-fashioned type of onion sets is very scarce. They are grown very much like shallots and usually planted in the spring. They may be left in the ground year after year or dug and cured in the latter part of August. **Postpaid. 1/2 lb. 35c; lb. 60c.**

## ONION PLANTS

**WHITE BERMUDA, UTAH SWEET SPANISH, WHITE SWEET SPANISH, WALLA WALLA SWEET, WHITE PORTUGAL, and DOWNING'S YELLOW GLOBE**—These plants will grow early onions of very mild flavor. (Ready late February.) Plant in the spring as soon as weather permits. **Prices postpaid.** 1 bundle, about 100 plants, 35c; 2 bundles, 60c; 5 bundles, \$1.25; 10 bundles, \$2.15. Write for prices on crates, 60 bundles.

# ONIONS

**CULTURE**—A rich loam is best, fertilized with well rotted manure and Commercial fertilizer. Sow seed in February or March if the condition of the ground and the weather will permit. Sow with drill in rows 14 to 16 inches apart; cover half-inch deep. Hoe with wheel hoe as soon as they are up, but do not more than scrape the surface as onions do not stand deep cultivation. Thin them to about 8 plants to the foot. It requires 3 to 4 lbs. of seed to the acre. Onions do well year after year on the same ground.

Seed of the white onions can be planted in the spring, summer or fall for green onions. Those planted in the fall, about September 1st, will produce green onions to winter over for early spring use.

**PRICES**—Unless noted are uniformly:  
Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  
 $\frac{1}{4}$  lb. \$2.10; lb. \$6.25.

**\*SELECT OREGON YELLOW GLOBE DANVERS**—One of the main varieties used for producing the famous Oregon, long keeping onions. The onions are a rich coppery yellow with rather heavy outer skin. They are large and nearly globe shaped, with small necks. Early, heavy yielding and outstanding for long keeping onions. White flesh with high quality.

**DOWNING'S YELLOW GLOBE (Long Keeper Yellow Globe)**—One of the best keeping onions. Brownish yellow exterior, medium large, and fine quality. It has proven very successful here in Oregon as a long keeping, quality onion. It is a cross between Australian Brown and Yellow Globe. This has become very popular in Western Oregon.

**YELLOW GLOBE DANVERS**—We offer a good strain of this popular old variety. Skin orange yellow; flesh pure white. A good keeper. Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 60c;  $\frac{1}{4}$  lb. \$1.50; lb. \$5.00.

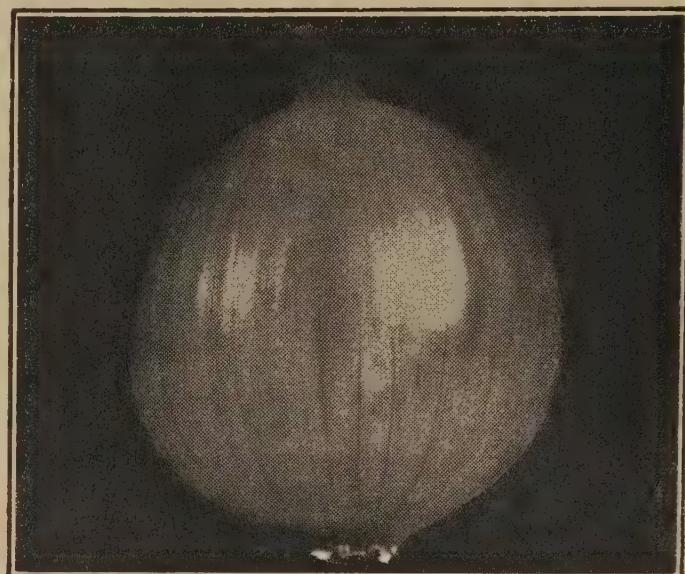
**LARGE RED WETHERSFIELD**—Large, flattened onions; purplish red.

**EARLY YELLOW GLOBE**—Considered the best early market onion for either muck or upland soils. It is early, large and a good keeper. Nearly globe shaped; color deep yellow.

**UTAH SWEET SPANISH**—A giant globe shaped yellow onion with small top; mild sweet flesh. This development of the Riverside strain is an outstanding improvement. Growers who have tried it demand it again. More resistant to thrip and the skin does not break as easily as other strains we have tested. We offer a very fine strain, carefully selected. Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c;  $\frac{1}{4}$  lb. \$2.00; lb. \$6.50.

**\*WALLA WALLA SWEET**—Large, early yellow onion of mild flavor. Used by growers in Walla Walla territory for fall or early spring planting. A valuable strain of Early Sweet Spanish. Large, mild onions, exceptionally hardy against cold weather, making them ideal for fall planting to winter over for the first crop of onions.

**EARLY YELLOW DANVERS**—A very early, long keeping strain of this popular onion. Globe shaped and of fine quality. Ideal for an early crop.



Onion, Utah Sweet Spanish

**GIANT BLOOD RED**—A giant red fleshed onion from Italy. This will be the nearest substitute for Red Torpedo which we were unable to secure this season. Pkt. 15c;  $\frac{1}{2}$  oz. 45c; oz. 85c;  $\frac{1}{4}$  lb. \$2.65; lb. \$7.50.

## WHITE ONIONS

**PRICES**—Unless noted are uniformly:  
Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  
 $\frac{1}{4}$  lb. \$2.10; lb. \$6.25.

**CRYSTAL WAX BERMUDA**—An early white onion, very flat, very sweet.

**WHITE PORTUGAL or SILVERSKIN**—A medium early sort with flattened shape and clear white skin. Extensively planted by gardeners for green onions, pickling and sets, and is quite hardy.

**SELECT SOUTHPORT WHITE GLOBE**—Handsome globe-shaped white onions noted for keeping qualities and heavy production. A fine strain for growing commercial onions.

**WHITE GLOBE**—The regular type of Southport White Globe which we sell mainly for green bunching onions. The long white color is ideal for bunching. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c;  $\frac{1}{4}$  lb. \$1.65; lb. \$5.00.

**LONG WHITE BUNCHING (Evergreen Strain)**—Used for producing green bunching onions. The stems are long and uniform with a large portion of white meat. An oriental strain often used by commercial growers in the Eastern States. Will stand longer than any other kind for green bunching onions. Not good for late summer or fall planting to winter over as it runs to seed early in the spring.

**WHITE SWEET SPANISH**—Largest white onion. Bulbs globular with small neck, pure white skin and mild flesh.

**WHITE LISBON**—Grown extensively, mainly for green bunching onions. Quite resistant to cold weather.

## PEPPERS

**CULTURE**—Start plants in a hot bed or in pots in a warm room in February or early March. Transplant to open ground May 10th to 20th, rows 3 feet apart, 2 feet in rows.

**OAKVIEW WONDER**—A week earlier than California Wonder; slightly smaller, but thicker and more symmetrical. It has the same high quality. Yields heavy and very uniform. **Postpaid.** **Pkt. 10c;** **1/2 oz. 60c;** **oz. \$1.00;** **1/4 lb. \$3.25;** **lb. \$10.00.**

**FLORAL GEM**—Very hot, heavily productive early pungent pepper. Fruit  $\frac{3}{4}$  to 1 inch thick and 2 inches long; bluntly conical; waxy green turning to deep scarlet. **Pkt. 10c;** **1/2 oz. 60c;** **oz. \$1.00;** **1/4 lb. \$3.25;** **lb. \$10.00.**

**CALIFORNIA WONDER**—This fine pepper has the heaviest meat of all. Large, blocky fruit, exceptionally mild and sweet. Fruit mostly upright, crimson, measuring  $4\frac{1}{4}$  inches long by 4 inches in diameter. Season medium. **Postpaid.** **Pkt. 10c;** **1/2 oz. 60c;** **oz. \$1.00;** **1/4 lb. \$3.00;** **lb. \$9.00.**

**HARRIS EARLY GIANT**—Valuable where season is short, also where ripe, red fruit is desired. Large, sweet peppers on dwarf, upright plants. Deep green, changing to bright red; very mild. Two weeks earlier than California Wonder. **Pkt. 10c;** **1/2 oz. 60c;** **oz. \$1.00;** **1/4 lb. \$3.25.**

**AVALON**—New Sweet Pepper. A miniature sweet pepper of even, smooth form, rather button shaped and about 2 inches wide by one inch in diameter. This uniform size and shape makes them ideal for canning, pickling or salads. Fruits bright glossy red, thick and sweet, juicy, crisp and delicious. **Pkt. 15c;** **1/4 oz. 85c;** **1/2 oz. \$1.50;** **oz. \$2.50.**

**LONG RED CAYENNE**—Long red peppers; extremely hot. **Postpaid.** **Pkt. 10c;** **1/2 oz. 30c;** **oz. 50c;** **1/4 lb. \$1.60.**

**PIMIENTO**—Large plant, erect, prolific. Fruit heart shaped, bright red, thick meat and sweet. **Pkt. 10c;** **1/2 oz. 30c;** **oz. 50c;** **1/4 lb. \$1.60.**

## PEANUTS

Many home gardeners have been quite successful growing peanuts here at Portland, thus indicating they can be grown successfully in this climate. **Postpaid.** **Pkt. 2 oz. 15c;** **1/2 lb. 40c;** **lb. 70c.**



Parsnip, Gill's Success

## PARSNIPS

**CULTURE**—Same as carrots, except time of planting, which should be about May 1st.

**PRICES (Seed of our own growing)**—All varieties listed. **Postpaid.** **Pkt. 10c;** **oz. 25c;** **1/4 lb. 65c;** **lb. \$1.60.**

**\*GILL'S SUCCESS**—Longer roots than the Tender Heart variety and better adapted to market purposes, as it is not so thick at the crown and will bunch better. The smooth, white roots cook tender and sweet.

**\*GILL'S TENDER HEART**—On account of the superior quality of this parsnip, our family has retained this seed annually for over 60 years. Unlike other parsnips, the heart is tender, never tough; roots are smooth, hollow crown, thick and heavy at top, tapering abruptly, making it easy to dig. Being early, many gardeners use this for early and late plantings. We are the originator.

**\*HARRIS MODEL**—Quite long, very smooth and white and remarkably free from small roots and prongs. Recommended for market gardeners who wish a long straight parsnip well suited for packing full length in lug boxes.

## POTATOES

We can supply certified seed of most leading sorts, such as Earliest of All, Early Rose, Netted Gem, Burbanks and White Rose. Write for our current price list, including varieties available.

**PRICES ON SMALL LOTS—Postpaid.** **2 1/2 lbs. for 50c.** We do not send potatoes C.O.D. Except for the small lots quoted above, be sure to instruct about shipping. If by parcel post allow for postage.

# GARDEN PEAS

**CULTURE**—Plant as early as the ground can be worked in the spring. Peas will not reach perfection if planted after May 1st, although they will make a fair crop. They should be well rooted before warm weather begins. If planted during February and March, they will mature before the aphis get started. Our Northwest grown seed is acclimated and will give better results. Pea seed planted in winter months should be treated with Semesan. Where peas have not previously been grown on the land it is valuable to use NITRAGIN. For seed treatment we recommend Spergon, if Nitragin is used.

**PRICES**—Unless noted are uniformly:  
**Postpaid.** Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c.  
**For 4th zone and beyond,** lb. 45c. Not  
prepaid, lb. 35c; 5 lbs. of one variety @  
32c; 10 lbs. @ 30c per lb. Write for prices  
on quantities.

## Tall Varieties

**\*WORLD'S RECORD**—An improved Gradus, being earlier and more dwarf. Darker green pods containing 7 to 9 peas of high quality.

**\*SURPRISE**—Very early. Vines 3 feet. Pods  $2\frac{1}{2}$  inches. Fine quality and flavor. Excellent canning variety. Sweeter than Alaska. A small seeded variety.

**\*GRADUS**—A large, deep green podded sort, popular with gardeners. It matures extra early and is quite productive.

**\*IMPROVED TELEPHONE (Dark Green or Alderman strain)**—Dark green vines and pods. Vigorous growth, 5 to 8 feet tall, producing enormous crops. Pods  $4\frac{1}{2}$  to  $5\frac{1}{2}$  inches long, containing 8 to 11 peas of high quality. Excellent for home gardens, market gardens and shipping. Our strain is prized by market gardeners.

**\*THOMAS LAXTON**—An early, medium large podded pea of high quality. Vine 3 to  $3\frac{1}{2}$  feet. Dark green pods  $3\frac{1}{2}$  inches long with 7 to 8 peas. Ideal for market, canning and freezing. Heavy production. Exceptionally sweet and tender. Especially good for freezing.

**\*ALASKA**—An extra early, smooth seeded pea. Vines about  $2\frac{1}{2}$  feet tall. Well filled pods of medium size, filled tight with small light green peas. It can also be used for pea soup when ripe.

**\*MAMMOTH MELTING SUGAR (Edible pods)**—The large, broad pods are 5 to 6 inches long and are cooked like snap beans. **Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c.**

## Dwarf Varieties

**\*LITTLE MARVEL**—Superior to the American Wonder with 3-inch pods and of better quality. Very popular.

**\*LAXTON'S PROGRESS or IMPROVED LAXTONIAN**—Pods larger than Hundredfold and a few days earlier. Vines medium dark green; pods handsome dark green; peas large and extra sweet. Very popular with home and market gardeners. Extra fine for canning and freezing.



Peas, Improved Telephone

**MORSES' PROGRESS (No. 9)**—A new type of Laxton Progress; popular with market gardeners. Pods slightly larger and maturing a few days earlier than Laxton's Progress. The crop matures very evenly.

**PACIFIC MARKET (No. 40)**—A splendid dwarf variety for shippers and market gardeners. Plants are dark green, stocky and branching, resistant to Fusarian wilt. Pods round, dark green, plump, pointed, curved at tips and containing 8 to 10 large peas of finest quality, suited for market, freezing or canning. Vine 28 inches, pods 5 inches long, average days to maturity 74.

**\*GIANT STRIDE**—Heavy yielding; high quality. Pods same size and shape as Alderman. Same season. Vines about 2 feet. Recommended for market and home gardens.

**\*IMPROVED STRATAGEM**—Valuable late variety. Ideal for late planting and more resistant to summer heat than any other kind.

## Succession Pea Collection

We offer the following suited for home gardeners who wish a variety of peas running from early to late. **Postpaid.** 1 Pkt. each. Little Marvel, Laxton's Progress, Giant Stride, Improved Telephone and Improved Stratagem. Worth 50c for 40c;  $\frac{1}{2}$  lb. each for \$1.05; or 1 lb. each for \$1.75. Add 20c to pound collection, 4th zone and beyond.

# SWEET POTATOES

**CULTURE**—Set out in rows four feet apart and 15 inches apart in row, about May 15th to June 20th. Use sandy loam soil in a warm location. Acclimated fresh dug plants are very essential. We do not supply tubers. Each year there is a steady increase in home garden planting of Sweet Potatoes. They are quite easy to grow.

**PRICES ON PLANTS**—Strong, healthy plants of local growth. **Postpaid. Doz.** 65c; **3 doz.** \$1.35; **100 for \$2.25.**

**NANCY HALL**—Produces good sized tubers of medium length and quite thick in diameter. The flesh is of a rich orange color and very sweet. It is more like a yam than a sweet potato.

**PORTO RICO**—A large, reddish skinned sort. Strong, vigorous grower, producing heavy crops.

## PUMPKIN

**CULTURE**—Plant May 10th to 20th in rows 8 feet apart and 6 feet in the row, about 8 to 10 seeds to hill, thinning to two good plants. Turn vines with the row to permit cultivation. Use 200 pounds Land Plaster to the acre, plowing it in; also 750 to 1000 pounds 5-10-10 Fertilizer.

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt.** 10c; **oz.** 25c; **1/4 lb.** 65c; **lb.** \$1.60.

**\*ORANGE WINTER LUXURY**—This improved strain of our own introduction is far better than the original. The skin, a rich golden orange, is covered with a fine netting, while the meat is very thick, fine grained and of rich golden yellow. It is by far the best pumpkin. Simply cook it done and it is ready for use in making pies. It requires less sugar and eggs than other varieties. Extra early and of medium flattened shape. A splendid keeper that has no equal in quality or appearance. Seed of our own growing.

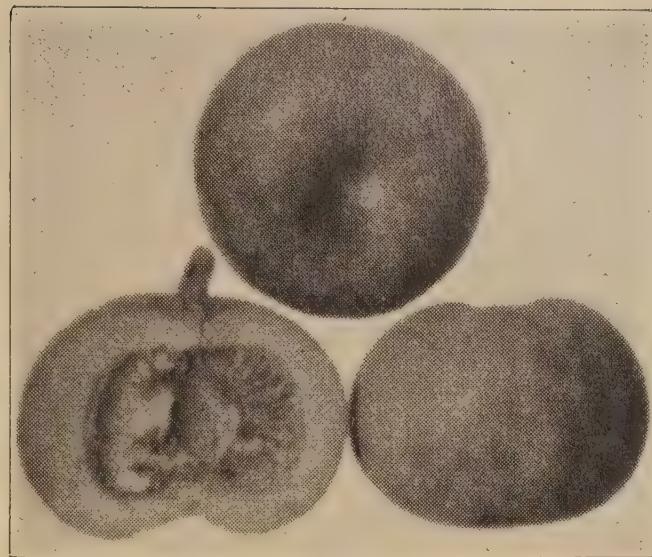
**CHEYENNE BUSH**—A new variety of bush growth. This is valuable for home gardens where space is important. A little smaller than Winter Luxury but without nettings. It produces 3 or 4 rich, golden pumpkins right around the crown of the plant. Fine quality. **Pkt.** 15c; **oz.** 35c; **1/4 lb.** 85c; **lb.** \$2.50.

**DICKINSON**—Large, somewhat irregular in shape, tan colored with extremely thick orange red flesh. Commercial canners consider it about tops. It is of outstanding high quality.

**CONNECTICUT FIELD or JACK O'-LANTERN**—The common field pumpkin grown for stock feeding and Jack o'Lanterns. Rich, orange colored skin.

**SMALL SUGAR**—Rather round fruit of small size, 5 to 7 inches in diameter. Smooth skin of bright orange color. Fine quality for pies. Early maturity.

**KING OF MAMMOTH**—A giant often weighing 200 pounds; suited for feeding and exhibition.



Pumpkin, Orange Winter Luxury

## Rapa

An Italian vegetable valuable for greens. Sow broadcast in mid-August for early fall use. Sown in mid-September, it provides fine greens very early in the spring. Foliage resembles turnips. The young, tender leaves surround a small head of fine, deep green buds. Both are cut for greens. If you like turnip greens, you will be pleased with this. Very nutritious and easy to grow. **Pkt.** 10c; **oz.** 30c; **1/4 lb.** 85c; **lb.** \$2.50.

## Rhubarb Seed

**CRIMSON WINTER**—Early and long bearing. Fine flavor. Transplant when roots are large as a pencil. Rhubarb seed will not always produce plants true to type. **Postpaid. Pkt.** 15c; **1/2 oz.** 65c; **oz.** \$1.15; **1/4 lb.** \$3.50.

## Winter Radish

**SCARLET CHINA**—Roots of bright scarlet color. Fine quality. Sow in late August for winter use.

**WHITE CHINESE**—Long, white, stump rooted radish, solid, crisp and mild.

## Oriental Radish

**NERIMA**—Often grows 15 to 18 inches long and 1½ to 2½ inches in diameter; skin pure white. They can be dug and covered with soil, keeping throughout the winter. Sow in rows 2½ feet apart about August 1st and thin to one foot apart. Plant in rich, well-drained soil. **Pkt.** 15c; **1/2 oz.** 35c; **oz.** 60c; **1/4 lb.** \$1.65; **lb.** \$4.50.

## Radish Collection

We will mail one packet of each of the 11 varieties of radish, listed on page 26, and the 2 varieties of winter radish listed above, worth **\$1.40 for 85c; postpaid.**

# RADISH

**CULTURE**—Radish can be planted almost the year around, except during cold weather months. They can be planted in the fall as late as October 15th. They are then available during winter months.

**PRICES**—Unless noted are uniformly:  
Postpaid. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c;  
lb. \$1.00. Write for prices on larger  
quantities.

**PERNOT** (The Fire Cracker Radish)—  
A wonderful new radish that is very  
striking in color. A slender radish about  
3 inches long, bright red with a distinct  
white tip. It is very early and of fine  
flavor. Ideal for home or market. Pkt.  
15c; oz. 35c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50.

**HALF LONG RED WHITE TIPPED**—  
A long radish of soft red, tipped white.  
Exceptionally mild and fine flavored.  
This radish was imported from Europe  
and is especially valuable for home  
gardeners. Early maturity. Pkt. 10c;  
oz. 30c;  $\frac{1}{4}$  lb. 50c; lb. \$1.35.

**CHERRY BELLE**—New. All America  
Bronze Medal '49. Attractive cherry red  
and very brilliant. Crisp, round radishes  
that keep well without going pithy. Top  
rather short making it ideal for planting  
outside for summer crops, also for forcing  
inside. Pkt. 15c; oz. 30c;  $\frac{1}{4}$  lb. 50c; lb. \$1.35.

**COMET**—Ball shaped, bright scarlet;  
small tap roots. Splendid quality. Will  
remain crisp and solid when other early  
radishes have become pithy. Very popular  
with home and market gardeners.

**SPARKLER WHITE TIP**—The lower  
third is white with bright red on upper  
portion. Popular for home use and market  
gardeners.

**EARLY SCARLET GLOBE**—Medium  
tops. Beautiful scarlet globe-shaped radish,  
of quick maturity and exceptionally  
fine flavor. Very fine market sort.

**CAVALIER**—A forcing type of Scarlet  
Globe; very popular with gardeners.

**BICOLOR**—Similar to Sparkler, but  
the upper half is bright red and the  
lower half white. Very attractive.

**CRIMSON GIANT**—A crimson, turnip-  
shaped radish that combines large size  
with superior quality. Popular for late  
spring and summer use.

**WHITE ICICLE**—A splendid white  
radish of long shape and with mild  
flavor. Very popular.

**PHILADELPHIA WHITE BOX**—Medium  
early. White variety for forcing or  
outside. Round roots, crisp and mild.

## Salsify (Vegetable Oyster)

**MAMMOTH SANDWICH ISLAND**—A  
good sort and most generally planted.  
Cultivate same as carrots. Postpaid.  
Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.40;  
lb. \$4.00.



New Radish, Cherry Belle

# SPINACH

**CULTURE**—Sow in drills 16 to 20 inches apart,  
thin to 3 inches. For early use, sow in the fall,  
or sow in early spring for late spring or summer  
use. Fine fall spinach can be grown by planting  
seed August 20th to September 1st, and winter  
spinach can be planted until October 15th.

**PRICES**—Unless noted are uniformly:  
Postpaid. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 35c;  
lb. 85c. Not prepaid, lb. 70c; 10 lbs. @ 65c.  
Write for prices on quantities.

**GIANT CAVALLIUS**—A new giant  
from Denmark, especially valuable for  
greenhouse culture; also for outside  
planting during late fall or winter in  
mild climates near the coast. It is claimed  
to produce 3 to 6 times more than stand-  
ard varieties. In greenhouses it de-  
velops its greatest production during a  
maximum day length of 10 to 11 hours.  
The plants are tall with smooth leaves of  
bright green color. It grows rapidly  
and has splendid cooking qualities. If  
planted during spring and summer it  
will grow about like ordinary spinach.  
Therefore it should be planted in green-  
houses for growth during the dark win-  
ter months. This is also true of outside  
culture in localities suited for it. Prickly  
seeded. Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50;  
lb. \$3.50.

**ADVANCE**—A new giant from Hol-  
land. Large heavy leaves of dark green.  
Ideal for home or market. Pkt. 10c;  
oz. 25c;  $\frac{1}{4}$  lb. 45c; lb. \$1.00.

**\*GIANT LEAF** — The largest and the most productive of any sort we have tried. Plants 20 inches across are not uncommon on good soil. The leaves are simply immense and deep green. Very heavy, brittle and tender. It is very slow to run to seed and is especially valuable for spring, summer and fall cutting.

**\*NORTHLAND** — A dark green selection out of Giant Leaf. It has all the good characteristics of that variety and in addition, a darker color.

**\*IMPROVED THICK LEAF or VIRO-FLAY** — This variety is very popular and we have a fine strain of seed. The leaves are broad and smooth and of medium deep green. It will stand more cold weather than any other sort and is very popular for fall sowing and early spring.

**\*LONG STANDING SAVOY** — Early with upright crumpled leaves. Slow bolting.

## New Zealand Spinach

A good summer vegetable which resists the heat and can be cut throughout the season. Plant seed after the ground becomes warm. It differs in appearance from the regular spinach but is prepared in the same manner. **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.75.**

## RUTABAGA

**CULTURE** — Sow in drills, 3 feet apart; thin to 6 inches apart. May be planted from June 15th to July 15th. The later sowings produce the best quality. Can be sown broadcast in mid-July.

**IMPROVED PURPLE-TOP YELLOW (Regular Strain)** — Produces smooth, globe-shaped roots of good size. Flesh deep yellow and fine grained. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. \$1.00.**

**\*GOLDEN NECKLESS (With purple tops)** — Similar to the above except it is short necked like a turnip. Exterior skin golden yellow under ground with high quality yellow flesh. Our strain is very popular with market gardeners to whom we supply large quantities of seed. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. \$1.25.**

**LAURENTIAN** — A new neckless type. Roots purple topped, clean, well shaped; skin thick and a good keeper. Flesh light yellow or cream color, fine grained and excellent quality. **Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. \$1.25.**

### SEEDS SMALL PART OF COST

Why prepare and cultivate a garden with the cheapest seed? A few cents additional in cost of seed may spell the difference between success and failure. Our vegetable seeds are high quality and popular with market gardeners. Cheap seeds are usually dear at any cost. Yet, with all, our prices are reasonable and still maintain quality.

## SUMMER SQUASH

**PRICES** — Unless noted are uniformly: **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.65.**

**CASERTA (All America Gold Medal, 1949)** — From one to two weeks earlier than Cocozelle and much more prolific. Bush form. Skin color is more yellow and less regularly striped green than the Cocozelle. Its principal values are earliness and quality. **Pkt. 15c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.75.**

**YANKEE HYBRID** — This hybrid cross is similar in appearance to Early Prolific Straightneck but is extra early. Market gardeners are using it with fine success. **Postpaid. Pkt. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.35; lb. \$7.50.**

**ZUCCHINI (Italian Squash)** — It should be used quite young, when 3 to 6 inches long. The color is mottled deep green.

**BLACK ZUCCHINI** — Like Zucchini, except that it is of much darker green.

**COCOZELLE or ITALIAN MARROW** — Dark green when young, changing to lighter green as it matures. One of the earliest kinds and of high quality.

**GIANT SUMMER CROOKNECK** — Grows larger than the common sort. Golden yellow and thickly warted.

**EARLY SUMMER CROOKNECK** — Smaller, earlier and much more prolific than Giant Crookneck. Deeper gold color.

**GIANT SUMMER STRAIGHTNECK** — A selection from the Crookneck strain. More uniform thickness and packs better. Well warted and good quality.

**MAMMOTH WHITE BUSH SCALLOP** — Early; large, pure waxy white skin; somewhat flattened in shape.

**BENNING'S GREEN TINT BUSH SCALLOP** — Uniform, prolific squash of pale green, favored in the markets.

**EARLY GOLDEN PROLIFIC STRAIGHTNECK** — The fruits are of medium size or smaller than the Giant Straightneck but the color is a little deeper golden. The plants are much more productive than Giant Straightneck and about 10 to 15 days earlier.

## Sunflower

**MAMMOTH RUSSIAN** — This is one of the heaviest yielders and produces extra large heads, well filled with large, plump seed. **Postpaid. Oz. 10c; lb. 50c. Not pre-paid, lb. 45c; 10 lbs. @ 40c. lb. Subject to market changes.**

### RADIO TALKS

Radio talks by Ray W. Gill will begin about February 1 on 20 or more stations in Oregon, Washington, Idaho, Northern California, Western Montana; also in Salt Lake and Denver. Please check your station programs. Ask us for list of stations.

# SQUASH---Winter Type

**CULTURE**—Plant from May 10th to 25th in rows 10 feet apart, spacing hills 3 feet apart, using 8 to 10 seeds to the hill. Thin to one or two strong vines. Sow 200 pounds of land plaster to the acre and plow in. Write us for our squash Bulletin. Use plenty of fertilizer.

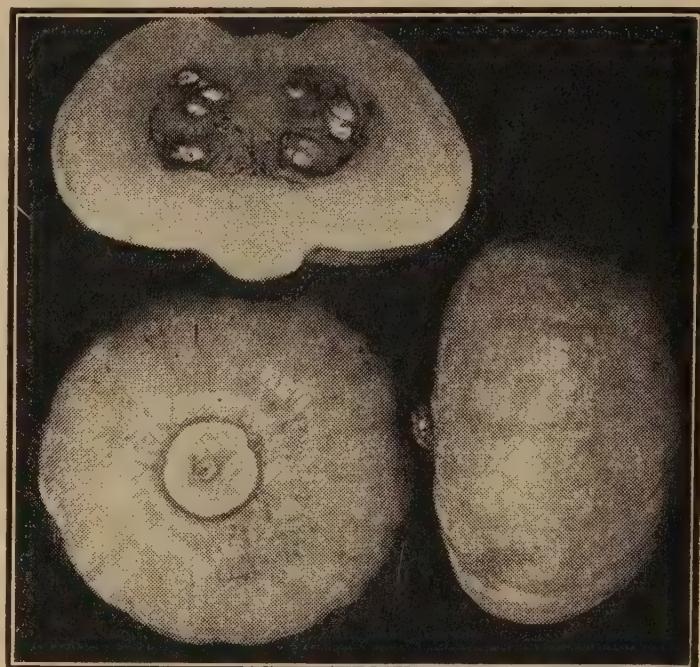
**PRICES—Unless noted: Postpaid. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.**

**\*SWEET MEAT**—Reports are coming from all over the Nation commending this new squash. Many report it as the best squash yet introduced. It has long been our policy not to introduce any new variety unless it has decided advantages over those already introduced. We have no hesitation about featuring this new squash. Its name tells part of the story, for it is the sweetest squash we have ever seen and it is also the longest keeper. We kept six squash in good edible condition from crop to crop. The texture of the meat is very fine grained and as sweet as the finest sweet potato. The meat is very thick, making a squash surprisingly heavy. They are not very large, being of a good family size, and averaging about 8 to 12 pounds each. They are shaped like the turban type but the indentation or knob at the blossom end is smaller than most of the turban type. The color is slate with slight greenish cast. The variety is well fixed in type except for the seed color. They are mostly white but occasionally we find squash with amber colored seed. We see no difference in the character, color or quality and either color is equally good. We separate the colors when the seed is harvested. Market gardeners who prefer white seed may note it on their order.

An unusual feature is its long keeping qualities and also the fact the flavor and sweetness increase with age for at least six months from harvest. It is one of the earliest of maturity in the winter type. It is a very vigorous grower and unusually free from disease. The squash are very uniform in size, color and shape. We predict great popularity for it for either home gardens or market gardens. Its high quality is winning great favor all over the nation. **Pkt. 15c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.35; lb. \$3.50.**

**\*UMATILLA MARBLEHEAD**—Selected by the Eastern Oregon Experiment Station for resistance to blight. It is very uniform in shape and color and a very heavy producer of large, thick meated squash. The meat is golden yellow and of fine quality. The squash are rather oblong and often weigh 30 to 40 pounds each. The seeds are yellow brown. **Postpaid. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$2.65.**

**BUTTERNUT (New)**—A new squash suited for winter use. 10 to 12 inches long with thick orange colored flesh of fine table quality. Do not confuse with Buttercup. Small seed cavity in one end of the long, pear-shaped squash. **Pkt. 15c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.**



New Squash, Sweet Meat

**BUTTERCUP**—A small turban shaped squash weighing about 3 to 4 lbs. Rind thin and tough, dark green with narrow gray stripes. Adapted to home gardens; a very good keeper. **Pkt. 15c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.**

**GILL'S GOLDEN DELICIOUS**—We take great pride in offering this remarkable squash of our own origin. This variety and Sweet Meat excel for quality. However, these two varieties have different flavors. It is the finest squash for pies and when picked young as a summer squash its quality is outstanding. The flesh and skin are a rich golden orange with no trace of green near the rind. The flesh is two to three inches thick. It cooks extra dry, fine grained and sweet. Many of our friends say, "It is better than a sweet potato." The skin is thin without a hard shell, but it is a fine keeper for winter use. On account of its high quality and attractive color, it has created a sensation with canners and freezers and those who tested it claim it has the highest starch content of any variety they have tried. It grows very vigorously and produces heavy crops. We are continually improving this variety.

**GILL'S GOLDEN TABLE QUEEN**—A golden strain which we have selected and developed out of Table Queen. Thicker meated, better quality and more attractive for table use when baked. Also delicious used as a summer squash when the fruits are 2" to 2½" long.

**\*BLUE HUBBARD**—Superior quality, great production and attractive appearance make this a favorite, especially in New England. Thick flesh; very hard blue-gray rind, weight 12 to 15 pounds. Seed of our own growing.

**\*TABLE QUEEN or ACORN**—A miniature squash growing about 7 inches long and 4 to 5 inches thick. Thin skin of dark green; early maturing. Desirable for home and market garden, also for shipping. It is hard to secure well fixed types of this variety, therefore, we have made selections for many years and offer one of the best strains to be had. We have a large trade with market gardeners who ask for our strain. Seed of our own growing.

**DELICIOUS**—An extra sweet, fine-grained, dry cooking squash. Medium size, top shaped with greenish-black skin; flesh very thick, orange colored and with small seed cavity.

**BANANA**—This squash is in great demand and we have a very fine strain. The exterior of the skin is grayish-green color, while the meat is a rich orange. The average size is from 24 to 30 inches in length and 6 inches in diameter. It is claimed to be resistant to blight.

**RED BANANA**—Same as above except the skin is reddish orange.

**\*TRUE HUBBARD**—Selected strain, and while we do not consider it equal to Delicious in flavor, it is a heavier yielder and better known in the market. We have a true stock of seed carefully selected for color, shape, and quality.

**\*YAKIMA MARBLEHEAD**—Large slate colored variety of fine quality. It produces heavy yields of thick meated squash. Popular shipping variety.

**JUMBO TABLE QUEEN**—About one-fourth larger than the Table Queen but of like shape and quality.

**GOLDEN HUBBARD**—Orange red Hubbard type but earlier and smaller; fine quality.

**\*BABY HUBBARD**—They average about 6 to 8 pounds. Well suited for crating and popular for home gardens. Fine quality and good keepers. Nearly round in shape. **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.**

**BOSTON MARROW**—Orange colored squash of large size used by canners.

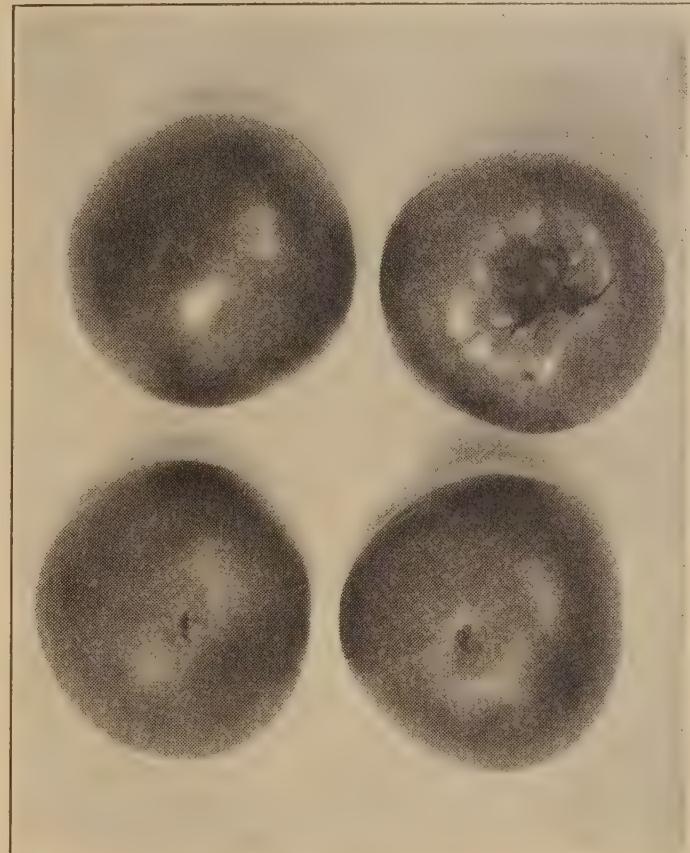
## Tampala

A new green vegetable, the leaves of which are used like spinach. It retains its tenderness for a long period and is suited for warm weather. It can also be used as a fresh salad. The leaves have more body, more flavor and more food value than spinach. It should be planted in fairly warm weather. **Postpaid. Pkt. 10c; 1/4 oz. 35c; oz. \$1.00.**

**RED TAMPALE**—Same as above except that foliage has a red tone. **Pkt. 15c; 1/4 oz. 75c; oz. \$2.25.**

## TOMATOES

**CULTURE**—Plant seed in box inside or in hotbed from February 15 to March 15. Transplant May 10 to 25th; rows 6 feet apart and 4 to 6 feet in rows; use light, loamy soil, well cultivated and fertilized.



Tomato, Gill's All-Purpose

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 10c; 1/2 oz. 45c; oz. 85c; 1/4 lb. \$2.10; lb. \$6.75.**

**\*GILL'S ALL-PURPOSE**—Our 1947 introduction and originated by Gill Bros. This grand new tomato is just like its name implies and is fine for all the main purposes. Field trials indicate that this variety produces its main crop as early as Select Earliana. Ideal for canning or juice, also splendid for home gardens and market gardens. It is a cross between Wasatch Beauty and the Pepper tomato and retains the best qualities of both. Outstanding for yield, appearance, quality, packing, disease resistance and flavor. It produces heavy yields of large, uniform fruit on self-terminate vines. The fruit is bright red, possessing the solid, deep red interior of the Pepper tomato and with its fine flavor. On account of its excellent flavor and solid meat it is ideal for slicing. Fruit free from large cores and of half globe shape as shown in the illustration. The blossom ends of the fruit are ideal and free from so-called "monkey faces." Vines vigorous and healthy and unusually resistant to disease. Fruit of large size, but not as large as the Wasatch Beauty. They pack well and stand shipment better than most sorts. We urge you to try this variety. **Pkt. 15c; 1/4 oz. 80c; 1/2 oz. \$1.50; oz. \$2.35; 1/4 lb. \$6.50; lb. \$15.00.**

**VICTOR**—An extra early variety with self topping vines which are rather small and suited for home gardens. Heavy cropper of medium sized fruit. **Pkt. 15c; 1/4 oz. 40c; oz. \$1.25; 1/4 lb. \$4.00.**

**\*JUBILEE**—Originated by W. Atlee Burpee and awarded Bronze Medal in 1943 all-America trials. Large globe-shaped fruit of deep orange color. The flesh is very solid, deep orange in color and of fine flavor. Good for slicing, canning or juice. This variety has attained rapid popularity. Selected seed of our own growing. **Postpaid. Pkt. 15c; 1/2 oz. 75c; oz. \$1.25; 1/4 lb. \$4.00.**

**\*SEATTLE BEST OF ALL** — This strain has been developed by a Seattle market gardener who started his selections from the Best of All greenhouse variety. It is larger and more productive than the original and is suited for either greenhouse or open field culture. The fruit, borne in clusters of 6 to 9, are very uniform and of bright scarlet red color. Exceedingly heavy yields. Seed of our own growing. **Postpaid. Pkt. 10c; 1/2 oz. \$1.00; oz. \$1.65; 1/4 lb. \$4.50; lb. \$12.50.**

**JOHN BAER** — Extra early, large, bright scarlet fruit, smooth and firm. Extra heavy producer. Ideal for market.

**EARLY CHATHAM (Certified)**—Extra early; bright red fruit of medium size on rather small plants. The branches terminate in dense clusters of fruit. The heavy production on small plants make it ideal for home gardens of limited space. **Pkt. 15c; 1/4 oz. 45c; oz. \$1.25; 1/4 lb. \$4.00.**

**VALIANT** — This variety is becoming very popular with market gardeners. A half-brother of Stokesdale, it develops a deep Marglobe type tomato and ripens within 3 days of Earliana. It is 4 days earlier and often 2 ounces heavier than Stokesdale. A valuable tomato for market but not primarily adapted as a canner. Our sales have steadily increased on this variety. **Postpaid. Pkt. 10c; 1/4 oz. 45c; oz. 85c; 1/4 lb. \$2.75; lb. \$8.25.**

**\*IMPROVED PEPPER TOMATO**—We have selected this for several seasons and now have heavy yields of large, smooth fruit, ideal for market. It is very resistant to rain cracks, practically every fruit is smooth, generally of near globe shape, and they are exceptionally solid, containing very little seed. The fruit is red with a pink tone and the sweetest of any we have tried, being unusually free from acid. Ideal for tomato juice and by far the best for slicing. Every year this variety has gained rapidly in popularity. Many home gardeners will have nothing else. **Postpaid. Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00; 1/4 lb. \$3.50.**

**BEEF STEAK**—Large, bright red type of Ponderosa. **Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.00; 1/4 lb. \$3.25.**

**\*IMPROVED WASATCH BEAUTY**—In 1939, we introduced this remarkable tomato and we have improved it each year. It is early in maturity and very heavy bearing. The branches terminate in a cluster of fruit, making a compact plant and more plants may be set per acre. The fruit is half globe shaped, firm and smooth; a beautiful red color, and borne in clusters of three to six good sized tomatoes. It is an especially good shipping and canning variety. Both market and home gardeners should try this outstanding new tomato. One of the best producers for commercial canning. **Postpaid. Pkt. 10c; 1/4 oz. 60c; 1/2 oz. \$1.00; oz. \$1.60; 1/4 lb. \$4.00; lb. \$12.00.**

**\*GILL'S SELECTED EARLIANA**—For years we have given personal selection to this strain and believe we now have the largest and smoothest Earliana tomato yet offered. The fruit is of bright deep red color, rather thick from stem to blossom and unusually solid. Owing to the fact that it is a shy seeder we must ask more for the seed than other sorts. Do not confuse this with the ordinary strains of Earliana. Reports from large growers claim this is the best strain of Earliana they have tried. Also reports from hot climates indicate it is unusually successful, one grower picking continuously from July until November, storing green ones then for December supplies. This is made possible by a minimum of cracked fruits. Do not fertilize with any kind of manure in growing Earliana strains. It will produce rough fruit. Use 3-10-10 fertilizer. **Postpaid. Pkt. 10c; 1/4 oz. 25c; oz. 90c; 1/4 lb. \$2.75; lb. \$8.50.**

**\*HILL SELECTED EARLIANA**—Saved from special plants marked in the field. **Postpaid. Pkt. 25c; 1/4 oz. \$1.25; 1/2 oz. \$2.25; oz. \$4.00.**

**PEAR TOMATO** — Popular for preserves and matures heavy yields quite early. We offer both red and yellow.

**SAN MARZANO (Italian Paste Tomato)**—For preserves, puree and solid pack canning. Two celled fruit 3 1/2 inches long and 1 1/2 inches thick. Color deep red; very little juice and mild in flavor. **Pkt. 15c; 1/4 oz. 40c; oz. \$1.25; 1/4 lb. \$3.75.**

**\*PORTER TOMATO (New)** — A very sweet little tomato of pinkish red color. One tomato is a mouthful and can be eaten without getting juice on clothing. It is ideal for lunches and munching between meals. A heavy cropper and little subject to cracking. Round globe shape and very uniform. Diameter about 3/4 to 1 inch. **Pkt. 15c; 1/4 oz. \$1.00.**

**ONDEROSA**—Fruit of inviting flavor; very large, flat, purplish pink, somewhat rough; solid with small seed cells. Matures rather late. **Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.00; 1/4 lb. \$3.25.**

## TOMATOES—Continued

**EARLY HYBRID**—A new hybrid of early midseason, or 70 days. A main crop tomato well suited for home gardens, markets or canning. Earlier and better yielding than Marglobe or Rutgers; quality and flavor outstanding. Fruit globular, very smooth, medium to large size, scarlet red in color. High yielding from mid-July to frost. It has outstanding keeping qualities and is free from hard cores. Free from tough skin but with good solid flesh. It ripens evenly and holds up very well. **Pkts. of 35 seeds 35c;  $\frac{1}{16}$  oz. \$2.00.**

**\*WASHINGTON FORCING**—This new forcing tomato was originated by the Washington State Experiment Station and our seed was started from seed supplied from that station. Fruit medium large, sub-acid and fiery red. The fruit ripens with even color from blossom end to stem. Growth habit is similar to Seattle Best of All but fruit average about 50% larger. **Pkt. 25c;  $\frac{1}{8}$  oz. 70c;  $\frac{1}{2}$  oz. \$2.50; oz. \$4.00.**

**THE PRITCHARD, CERTIFIED (Scarlet Topper)**—In earliness similar to Break O'Day. Exterior and interior color intense scarlet. Fruit of half globe shape and very solid. A tremendous cropper and very popular with market gardeners.

**STOKESDALE (Certified Seed)**—An outstanding variety, very popular with growers for local markets and shipping. Matures along with Bonny Best. Bright red fruit that is smooth and uniform.

**RUTGER'S**—Notable for high yield and uniform ripening of medium to large fruits of fine quality. Shape similar to Marglobe. Especially recommended for commercial canning and juice.

**SCARLET DAWN**—An early variety with medium vines, very prolific. Medium large fruit, smooth, globular; attractive bright scarlet. Fine quality and flavor.

**BREAK O'DAY**—Ten to twelve days earlier than Marglobe. Solid fruit of bright scarlet; very few seeds. Wilt resistant. Desirable for home canning. Outstanding in flavor and next to Improved Pepper in sweetness.

**MASTER MARGLOBE (Certified Seed)**—A very popular market and shipping tomato. Average weight 6 ounces, ratio depth to width 90%. A second early, thick meated, bright red tomato.

**BONNY BEST**—We carry an extra fine strain of this early variety. Medium sized, uniform fruit of bright scarlet.

**DWARF STONE**—Tree type plants, producing large, smooth, meaty fruit of bright red color.

**SUGAR or GRAPE TOMATO**—Fruit the size of a Concord grape, set thick in long clusters. Very ornamental and good for preserves. **Pkt. 15c.**



Improved Pepper Tomato

**GROUND CHERRY**—Prized for preserves, pies or sauce. Will keep into the winter. Fruit yellow. **Pkt. 10c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 65c; oz. \$1.00.**

## TURNIPS

**CULTURE**—Sow broadcast from August 1 to September 1 for late turnips. Milan varieties can be sown as late as October 1.

**PRICES**—Unless noted: Postpaid. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.**

**EXTRA EARLY PURPLE TOP MILAN**—Among the earliest; roots flat, white with purple top. The best for early planting and late fall sowing. **Postpaid. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$1.50.**

**WHITE MILAN**—Extra early; tops small; roots medium small, white, flat and of fine quality. **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$1.50.**

**EARLY SNOWBALL**—An extra early, round turnip, snow white, and crisp.

**POMERANIAN WHITE GLOBE**—Good either for stock or table and resists the worms the best. Splendid keeper.

**\*PURPLE TOP WHITE GLOBE**—The best all-around turnip for fall and winter use. Its beautiful color, pure white with purple top, combined with its smooth globe shape, fine sweet flavor and its wonderful productiveness put this turnip in the top class for market or home use. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.**

**WHITE EGG**—Pure white, egg shaped, early. Often used for bunching.

**COW HORN**—A large, long-rooted, white turnip for feeding purposes.

**SHOGOIN (Foliage Turnip)**—An oriental variety, very popular for greens. The leaves grow upright about 2 feet high. Roots semi-globe, pure white, tender, sweet.

# FERTILIZERS

## Commercial Fertilizers

### WRITE FOR PRICES, STATING QUANTITY

**NOTICE**—Readjustment in changing prices prevent us from quoting prices here. Please write us for prices, stating quantities desired. All prices are FOB our shipping point and purchaser must pay transportation charges. The analysis is listed by numbers: the first number is nitrogen, the second phosphate, the third potash. We do not ship fertilizers C.O.D. Ask for our current price list.

## Organic Fertilizers

**RAW BONE MEAL** — A rather slow acting fertilizer used for many purposes, especially fruit, shrubs and bulbs. Approximately 4-23-0.

**COTTON SEED MEAL** — A valuable organic fertilizer which many growers use in place of fish. Important for acid loving plants and shrubs.

**SHEEP GUANO**—Usually runs around 2-1-2. Dry ground sheep manure in sacks. High in humus, therefore extra fine for general purposes.

## Fertilizers In Mixtures

Write for prices, stating quantities. Order by analysis numbers listed below.

We can generally supply commercial mixtures with the following analysis:

9-4-6	6-10-4	5-10-10
5-6-8	3-10-20	3-10-10

## Mineral Fertilizers

Write for prices, stating quantities.

**POTASH, MURIATE**—Produces color, substance and flavor. 50 to 60% potash.

**POTASH, SULPHATE**—Also valuable for color, substance and flavor. 50%.

**SUPERPHOSPHATE**—We may be able to offer 18% and triple.

**NITRATE OF SODA**—14 to 16 ammonia. Being soluble in water it is valuable for winter and early spring fertilizing on any crop where quick leaf growth is important.

**SULPHATE OF AMMONIA**—This runs very high in nitrogen. Similar use to that of Nitrate of Soda.

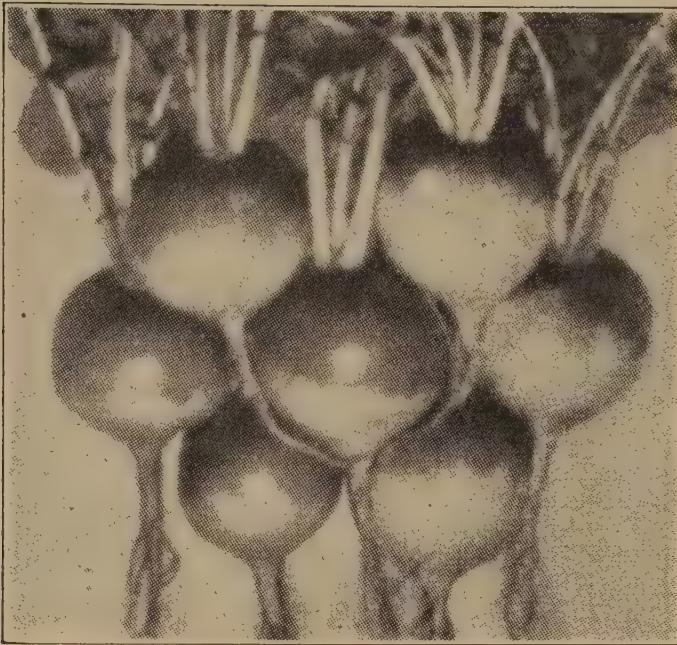
**AMMONIUM NITRATE**—Approximately 34% nitrogen.

**AMMONIUM PHOSPHATE**—About 11% nitrogen, 48% phosphate also 16-20.

## Other Items

**LAND PLASTER OR GYPSUM**—This contains sulphur in soluble form and is valuable for legumes, potatoes and general crops.

**LIME, HYDRATED**—Especially valuable for extremely acid soils.



Turnip, Purple Top White Globe

## Yellow Fleshed Turnips

Prices, see page 31

**PETROWSKI**—Extra early, flat turnip of rich golden color. The flesh is light orange and of fine quality. This fine old variety is a very good keeper. You will like this fine turnip. **Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.50. Postpaid.**

**\*ORANGE JELLY or GOLDEN BALL**—The best yellow sort for market or family use. Roots medium sized, round and smooth, with yellow skin and flesh. One of the best for winter keeping.

**PURPLE TOP YELLOW ABERDEEN**—Extensively grown for stock feeding. Good keeper.

## Tobacco

**CONNECTICUT SEED LEAF**—The earliest maturing sort for the Northwest. **Pkt. 15c; 1/2 oz. 50c; oz. 90c.**

**WHITE BURLEY**—Long, broad leaves. Very prolific. **Pkt. 15c; 1/2 oz. 50c; oz. 90c.**

## Vigoro Fertilizer

**VIGORO**—It is the ideal plant food for lawns, flowers, gardens, shrubbery and trees. It is easy to apply; results are quick and certain.

Clean, dustless, weedless, and odorless, Vigoro is not to be compared with any other plant food you have ever known. It isn't at all costly. Write for prices. Offered in weighed packages as follows: 1-5-10-25-50-100 lbs.

### RADIO TALKS

Radio talks by Ray W. Gill will begin about February 1 on 20 or more stations in Oregon, Washington, Idaho, Northern California, Western Montana; also in Salt Lake and Denver. Please check your station programs. Send for list of radio stations.

# HIGH GRADE LAWN GRASS

**WRITE FOR PRICES ON QUANTITIES.** We supply grasses for golf courses and other large plantings. We will gladly quote you. All prices quoted are subject to market changes without notice. We will make up special mixtures if desired.

**Prices marked postpaid apply up to and including fourth zone, beyond which send additional.** We specialize in high-grade lawn grass seed. During the past few years, we have supplied lawn seed for some of the largest institutions in the Pacific Northwest. Whether it is a small lawn or a large one, we can supply the seed and we will be glad to quote you either on mixtures or separate grasses. Many of the lawn grass mixtures on the market contain rye grass seed. We consider rye grasses too coarse and too rapid of growth to be included in mixtures and therefore do not use them in our mixtures. In estimating the ground to be planted figure on one pound to 300 square feet of surface. If interested in lawns, write for our free bulletin on "Lawn Culture" by Ray W. Gill.

In Western Oregon, Washington and California, September and October are ideal for sowing lawns. There is more moisture and annual weeds are killed by winter frosts. Be careful to plant early enough so that the roots will be established before hard frosts might lift and break off the young roots.

**GILBRO SPECIAL**—This super mixture is composed of the finest bladed grasses and are selected on account of their great endurance. It will make a soft velvety lawn of uniform texture and appearance. All varieties in this mixture are acid-loving grasses, thus they respond rapidly with acid fertilizers which in turn reduce the weed menace. We have many reports from our customers, who are highly pleased with this mixture. It is adapted to shade or sun. If white clover is desired in the mixture, please mention when ordering. This mixture contains 30% creeping bent, making it necessary to ask the following prices: **Postpaid. Lb. \$1.35. Not prepaid, 5 lbs. or more @ \$1.30 per lb.**

**PACIFIC COAST LAWN MIXTURE**—Climatic and soil conditions have much to do with the selection of varieties in lawn mixtures. This mixture is especially adapted to locations along the Coast and West of the Cascade Mountain range. It contains varieties which will respond in soils which are somewhat acid due to heavy winter rains. It is a very good mixture made from high grade grasses. It does not contain any rye grasses. It makes a hardy, fine-bladed turf well suited to the average soil. If white clover is desired in the mixture, please specify when ordering. **Postpaid. Lb. \$1.15. Not prepaid, 5 lbs. or more @ \$1.10 per lb.**

**SWEET SOIL LAWN MIXTURE**—We have become convinced of the advantage of having a high grade mixture of lawn grasses for soils that are sweet or rather alkaline. We offer here a good mixture of fine bladed grasses which will respond in this type of soil. We secure the best success where the grass varieties are suited to the climate and soil. **Postpaid. Lb. \$1.25. Not prepaid, 5 lbs. or more @ \$1.20 per lb.**

**BLUE GRASS and WHITE CLOVER**—Well proportioned mixture. **Postpaid. Lb. \$1.45. Not prepaid, 5 lbs. @ \$1.40 lb.**

**POA TRIVIALIS**—Valuable lawn grass for shaded locations. In appearance it resembles Blue Grass. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. @ \$1.55 per lb.**

**CREEPING FESCUE**—Rich, fine bladed foliage, making a splendid turf for shade or sun. Especially suited to sandy soils, banks, and terraces. One of our finest grasses. Many very fine lawns have been seeded with this alone and give splendid satisfaction. **Postpaid. Lb. \$1.05. Not prepaid, 5 lbs. @ \$1.00 per lb.**

**CHEWING'S FESCUE**—Extensively used for lawns and golf courses. It makes a fine, close turf, very resistant to tramping. **Postpaid. Lb. 95c. Not prepaid, 5 lbs. @ 90c per lb.**

**ASTORIA BENT (Blue Tag Grade)**—A native acclimated sort grown in Oregon. Besides creeping on the surface of the soil it has jointed roots that creep under ground. It is the best bent grass for high, well-drained soils and is very resistant to drought. It is often found growing in almost pure sand. It makes a thick, close turf, with fine leaf blades. **Postpaid. Lb. \$1.50. Not prepaid, 5 lbs. or more @ \$1.45 per lb.**

**SEASIDE BENT (Blue Tag Grade)**—A native, acclimated variety, largely grown in Coos County. It creeps on the surface of the ground. **Postpaid. Lb. \$1.75. Not prepaid, 5 lbs. @ \$1.70 per lb.**

**KENTUCKY BLUE GRASS**—A splendid general purpose grass for lawns, with hardy growth and fine, close turf. 24 lbs. per bushel grade. It does best on sweet soil. **Postpaid. Lb. \$1.25. Not prepaid, 5 lbs. @ \$1.20 per lb.**

**WHITE CLOVER**—Often used for lawns. We offer a fancy grade of seed for this purpose. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. @ \$1.55 per lb.**

We specialize in high grade lawn grasses. You cannot make a good lawn without high grade seed. For large quantities write for prices.

# ANNUAL FLOWER SEEDS

Annual flowers are those which grow, bloom, seed and die in one season. They are attractive in the garden — some for bedding, some for borders, some for rock gardens, some for climbing or trailing and others for their foliage effect only. Many are invaluable for cutting. There are annual flowers for every purpose; all are lovely and with proper selection, blooms can be had from early summer until frost. See page 46 for Perennial Flowers.

## GILL'S ASTERS

† Marked are asters of the wilt-resistant strains.

We aim to supply the very best asters that can be grown or purchased, and the most up-to-date varieties and types will be found in our list. Asters are one of the best cut flowers that can be grown.

Sow seed in boxes inside or in frames, about February 25th to March 15th, and transplant during May. Splendid blooms can be obtained by planting the seed in the open about May 1.

**\*PRINCESS ELIZABETH (New)**—Pure white of especial importance to florists. Pkt. 50c.

**\*PRINCESS SUSAN (New)**—True deep blue. A clear color. Pkt. 50c.

**\*PRINCESS BARBARA**—Full crested center with several rows of guard petals. A delicate orchid shade, a good florist color. Pkt. 25c.

**\*PRINCESS ANNE**—Full crested center with several rows of guard petals. Peach blossom. Pkt. 25c.

**\*PRINCESS BONNIE**—Same type as above. Beautiful salmon rose. Pkt. 25c.

**\*PRINCESS GOLDEN SHEAF**—The deepest yellow Aster yet offered. The flowers are full and double with crest-like center of good substance and fine depth of petals. Pkt. 25c.

**\*PRINCESS MARSHA**—Same type as above. Rich cinnabar scarlet. Pkt. 25c.

**\*PRINCESS TYPE MIXED**—Pkt. 25c.

**\*EARLY GIANT PEACH BLOSSOM**—White flushed lavender pink. Pkt. 20c.

**\*EARLY GIANT LIGHT BLUE**—Clear rich light blue; extremely large. Pkt. 20c.

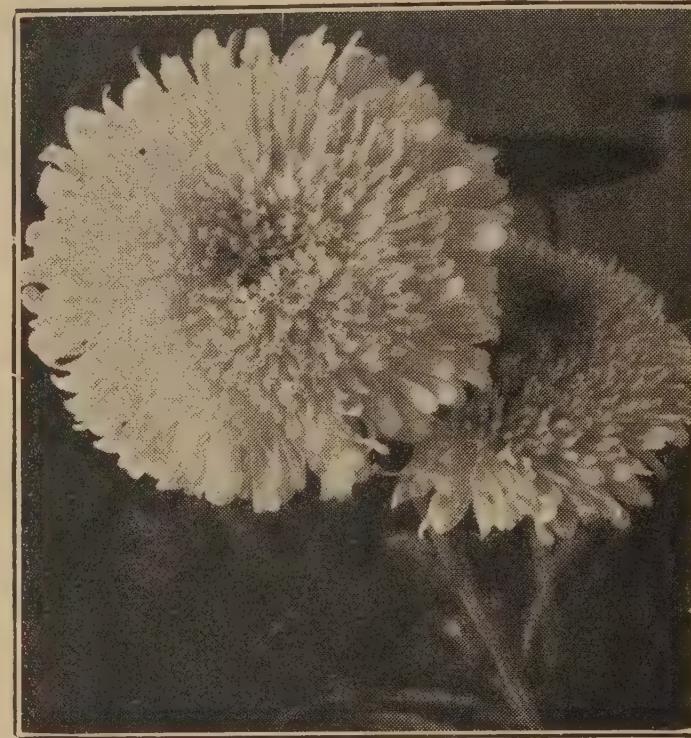
**\*SUPER GIANT SANTA MARIA (New)**—The largest and most fully double pure white Aster we have ever seen, producing flowers over 6 inches in diameter with long lacy white petals, curling from an interlaced powdery center. Mammoth blooms are carried on stout 2½-ft. stems, branching from the base. Suited for florist and gardener trade. Pkt. 50c.

**\*SUPER GIANT EL MONTE**—Deep glowing crimson; flowers large and fluffy. Pkt. 20c.

**\*SUPER GIANT LOS ANGELES**—Pure shell pink, fully double. Excellent cut flower. Pkt. 20c.

**\*AMERICAN BEAUTY**—September bloomer, 2½' to 3' tall, large, compact, semi-globular flowers. Very good stem. Especially good for cut flowers. WHITE, SHELL PINK, CRIMSON, AZURE FAIRY, MIXED. Pkt. 15c.

**IMBRICATED POMPON**—Mixed colors. Pkt. 25c.



Aster, Princess Anne

**\*EARLY BEAUTY MIXED**—Blooms with Crego type. Pkt. 15c; ¼ oz. 50c.

**\*LATE BEAUTY MIXED**—Blooms from September until frost. Pkt. 15c; ¼ oz. 50c.

**\*HEART OF FRANCE**—A beautiful rich dark red, 1½' to 2' branching plants. Pkt. 15c; ¼ oz. 45c.

**\*CALIFORNIA GIANTS**—Immense flowers, often 5" to 6" across. Vigorous habit and long stems with Crego type of bloom. WHITE, PEACH BLOSSOM, LIGHT BLUE, DEEP ROSE, PURPLE and MIXED. Pkt. 15c; ¼ oz. 45c.

**\*CALIFORNIA GIANT SINGLE**—Flowers 3" to 4" across on 18" to 24" stems. MIXED. Pkt. 15c; ¼ oz. 50c.

**\*GIANT CREGO**—Immense fluffy flowers averaging 4" to 5" across. The plants produce an abundance of large flowers on good stems. SHELL PINK, ORCHID, WHITE, CRIMSON, AZURE BLUE, PEACH BLOSSOM, DEEP ROSE, MID-BLUE, PURPLE and MIXED. Pkt. 15c; ¼ oz. 35c.

**CALIFORNIA GIANT SUNSHINE**—Blooms 4" to 5" across, having a single row of loose, outer petals with contrasting yellow, quill-like center disc. Plants 2' to 3' high. MIXED. Pkt. 20c; ¼ oz. 50c.

**GILL'S FANCY MIXED**—A mixture of all colors and types. Pkt. 10c; ¼ oz. 35c.

## Acroclinium (Everlasting)

**MIXED**—Double and semi-double daisy-like flowers with strawy petals of silky appearance. Nice to dry for winter bouquets, for which purpose cut the flowers before they fully open. **Pkt. 15c.**

## Adonis

**FLOS**—Small, brilliant scarlet flowers, easily grown for borders and cutting. **Pkt. 10c.**

## African Daisy

Sow seed same as asters and plant in sunny location. They bloom all summer.

**DOUBLE HYBRID MIXED**—Double crested flowers 2" across, ranging in color from deep salmon orange to white. Blooms profusely until late fall. Colorful in any garden. **Pkt. 15c.**

**AURANTIACA**—Flowers 2½" to 3" across, of glossy orange. **Pkt. 10c.**

**HYBRIDS MIXED**—Shades of white, yellow, orange and salmon zoned with black disc. **Pkt. 10c.**

## Ageratum

Annual, suitable for boxes, pots and borders.

**MIDGET BLUE**—Dwarf, 2" to 3"; fine foliage, with blue flowers. **Pkt. 15c.**

**BLUE PERFECTION**—Dwarf, deep blue. **Pkt. 10c.**

**FAIRY PINK**—Soft salmon rose pink, 5". **Pkt. 25c.**

## Alyssum

**COMPACTUM VIOLET QUEEN**—Deep rich violet. Neat habit, free flowering. **Pkt. 15c.**

**LITTLE DORRIT**—Miniature white. **Pkt. 10c.**

**IMPROVED CARPET OF SNOW**—Plants 2" high, massed with white blossoms. **Pkt. 10c.**

**COMPACTUM YELLOW**—Dwarf. **Pkt. 10c.**

**LITTLE GEM**—Dwarf, compact, 4" high with white blossoms. **Pkt. 10c; ¼ oz. 40c.**

**LILAC QUEEN**—Dwarf, compact habit; flowers deep lavender. **Pkt. 10c.**

## Amaranthus

Brilliant foliage, growing 3' to 5' high.

**CAUDATUS**—Blood red, drooping. **Pkt. 10c.**

## Arctotis (African Daisy)

**GRANDIS**—2 ft. high. White petals with light lilac reverse; sky-blue eye with yellow halo. **Pkt. 10c.**

## Balsam

**CAMELLIA FLOWERED MIXED**—Double. Grows 2' high. Plant in hot-bed in March; move after danger of frost. May also be planted in open. **Pkt. 10c.**

## Beans, Scarlet Runner

A fine annual climber. The beans are edible. **Pkt. 10c; ½ lb. 40c; lb. 70c.**

## Bells of Ireland (New)

**MOLUCELLA LAEVIS**—The several branching stems are closely set in elongated Hyacinth fashion with big bell-calyses of pale translucent green. Within each calyx lies a curiously formed little white flower. Full sun. Thrives in drought. It cuts well as a fresh flower. 30 inches high. **Pkt. 30c.**

## Brachycome

**SWAN RIVER DAISY**—9 in. high. Mixed. **Pkt. 10c.**

## Calendula, Pot Marigold

**ORANGE FANTASY**—Crested, coppery orange, petals edged mahogany red. **Pkt. 10c.**

**ORANGE SHAGGY**—Rich orange; petals long and deeply fringed. **Pkt. 10c.**

**CHRYSANTHA**—Clear buttercup yellow. **Pkt. 10c.**

**RADIO**—Rich orange; large quilled flowers. **Pkt. 10c; ¼ oz. 20c.**

**ORANGE KING, FLORIST STRAIN**—Large double blooms of orange red, with darker centers. **Pkt. 10c; ¼ oz. 20c.**

**DOUBLE MIXED**—All colors. **Pkt. 10c.**

## Calliopsis

Showy blooms all summer. Sow in April.

**GOLDEN CROWN**—Semi-double; yellow with maroon center. **Pkt. 10c.**

**CHOICE SINGLE MIXED**—**Pkt. 10c.**

**DOUBLE MIXED**—**Pkt. 10c.**

## Cardinal Climber

**HYBRIDA**—Graceful, quick growing. Covered all summer with fiery scarlet blooms. **Pkt. 15c.**

## California Poppy

Plant during spring, summer or fall. Fall sowings bloom in the spring.

**GRANDIFLORA GIANTS MIXED**—  
Pkt. 10c.

**DOUBLE MIXED**—Pkt. 10c.

## Canary Bird Vine

A quick growing annual climber, bearing curiously cut yellow flowers with curved green spurs; vaguely resembling a canary. It is ideal for covering trellises, often reaching a height of 15'. **Pkt. 15c.**

## Candytuft

Fall sowings flower in early spring; April sowings in June.

**GIANT HYACINTH**—A selected strain, producing 6 to 7 large, erect, white spikes. **Pkt. 10c.**

**FLESH PINK**—New shade. **Pkt. 10c.**

**LAVENDER**—Soft rose lavender. **Pkt. 10c.**

**CRIMSON**—Rich shade. **Pkt. 10c.**

**MIXED**—All colors. **Pkt. 10c.**

## Canterbury Bells

**ANNUAL MIXED**—Shape of flowers and form of plants are the same as the well known biennial Canterbury Bells, but this variety blooms in six months from seed. **Pkt. 15c.**

## Castor Beans

**RICINUS**—Ornamental plants valuable for tropical effects. Use in large beds or borders along paths and drives. **Pkt. 10c; oz. 25c; 1/4 lb. 75c.**

## Celosia

Sow inside in March, transplant or sow outside in May. Very free flowering.

**FIRE FEATHER**—Dwarf, compact plants, 15 to 20 branches, with bright red, silky plumes. **Pkt. 15c.**

**EMPRESS (Cockscomb)**—Very wide crimson combs. **Pkt. 15c.**

**PLUMOSA MIXED (Improved Feath-  
ered Type)**—3', pyramidal growth. **Pkt. 15c.**

## Centaurea

**AMERICANA (Basket Flower)**—  
Grows 3'. Sturdy in habit, producing broad blooms frequently 5" to 6" across. Charming both in garden and as a cut flower. **Pkt. 15c.**

**ROYAL SWEET SULTAN**—Beautiful sweet-scented, fine cut flowers. Sow early in spring. Finest mixed. **Pkt. 10c.**

## Chrysanthemum

**SINGLE MIXED**—Grows 2 ft. high; blooms in mid-summer. White and yellow; yellow to red zoned. **Pkt. 10c.**

**DOUBLE MIXED**—Yellow, white, etc. **Pkt. 10c.**

## Clarkia

Easily grown double flowers; 2', fine for cutting.

**ALBA**—White. **Pkt. 10c.**

**MAY BLOSSOM**—Deep pink. **Pkt. 10c.**

**ORANGE KING**—Orange. **Pkt. 10c.**

**SCARLET QUEEN**—Orange scarlet. **Pkt. 10c.**

**DOUBLE MIXED**—All shades. **Pkt. 10c.**

## Cleome (Spider Flower)

**GIANT PINK QUEEN**—A.A.S. '42. Hardy, 3' high; abundant blooms of salmon pink at top of spike, fading to flesh pink. For backgrounds or cutting. Blooms all season. **Pkt. 15c.**

## Coleus

**MIXED**—Attractive foliage, easily grown. **Pkt. 30c.**

## Coral Flower (Talinum Paniculatum)

A distinctive and good annual garden flower, that produces exquisite, jewel-like daintiness. Even the dark green, succulent foliage is decorative. Many slender, 30" stems bear hundreds of little 5-pointed stars in a luminous rosy pink, these followed by many long-hanging capsules like polished coral beads. Desirable for mixing with bouquets. **Pkt. 15c.**

## Corn

**ORNAMENTAL INDIAN**—Multicolored kernels in an endless number of shades. In great demand for autumn and winter decorations. **Pkt. 15c.**

## Cornflower (Bachelor's Button)

**DWARF JUBILEE GEM**—Compact plants, covered with large double blue flowers. Splendid for borders and cutting. **Pkt. 10c.**

**DOUBLE BLUE, RED or MIXED**—An excellent strain. **Pkt. 10c.**

## Cosmos

Plant after danger of frost; blooms in the summer and fall.

**SENSATION RADIANCE (New)** — Top award winner for 1948. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large, well defined zone of rich crimson. **Pkt. 25c.**

**SENSATION DAZZLER** — A.A.S. '43. Large flowers of deep amaranth crimson, with petals fluted and slightly overlapping. Tall stems. **Pkt. 25c.**

**SENSATION SINGLE MIXED** — Large blooms in ten weeks. **Pkt. 10c.**

**PEERLESS MIXED** — New type. Produces a large 2" crested center; a double form of the Sensation type. **Pkt. 25c.**

**KLONDYKE YELLOW** — Rich golden yellow; 3' to 4' tall; free blooming. Slightly later than Orange Flare. **Pkt. 15c.**

**EARLY KLONDYKE ORANGE FLARE** — Early; bright orange. **Pkt. 10c.**

**EARLY DOUBLE CRESTED MIXED** — Single outer row of large petals with double center of short petals. **Pkt. 10c.**

**MAMMOTH EARLY FLOWERING MIXED** — Plant in open; blooms in 60 to 90 days. Flowers 4" to 5" across. **Pkt. 10c.**

## Cynoglossum

**FIRMAMENT** — It is dwarf, free blooming over a long season, flowers a bright indigo blue. It is recommended for growing in dry, even poor soil. 16". **Pkt. 10c.**

## Datura

**WRIGHTI** — Trumpet flowers, 6" long, 5" across; plants 2' to 3' high; white with purple sheen. **Pkt. 10c.**

## Dianthus, Pinks

**WESTWOOD BEAUTY** — New all-America winner for 1946. Single flowers 1½ to 2¼ inches, laciniated. Various shades with red and white edges. Height almost 16 inches. **Pkt. 25c.**

**DOUBLE MIXED** — 1' high. **Pkt. 10c.**

**SINGLE MIXED** — 1' high. **Pkt. 10c.**

## Didiscus, Lace Flower

**COERULEUS** — Branched plants 18" high. Clusters of tiny, lacy flowers. Exquisite light blue. **Pkt. 10c.**

## Dolichos (Hyacinth Bean)

Very decorative vine. The flowers stand upright like hyacinth flowers followed by attractive seed pods. Mixed. **Pkt. 10c.**



New Cosmos, Sensation Radiance—Page 37

## Euphorbia

Suitable for beds and borders.

**VARIEGATA (Snow on the Mountain)**. Attractive green foliage veined white; 2'. **Pkt. 10c.**

## Four o'Clock

**MIXED** — Free flowering, does well anywhere. Very easy culture. **Pkt. 10c.**

## Gaillardia

**INDIAN CHIEF** — Single, bronze red. **Pkt. 10c.**

## Gilia

**MICRANTHA, FAIRY STARS** — Tiny, single star-like flowers in pastel shades; useful for borders and rockeries. **Pkt. 10c.**

## Godetia

Free flowering annual which does best in rather poor soil. Easy growth and fine for cutting.

**DWARF SINGLE MIXED** — All shades. **Pkt. 10c.**

**TALL DOUBLE MIXED** — Various shades. **Pkt. 10c.**

## Gypsophila (Baby's Breath)

**ELEGANS ALBA** — Small white clusters for mixing in bouquets. **Pkt. 10c; oz. 30c.**

# Gourds, Ornamental

Easily grown; must be fully ripened.

**SMALL WARTED MIXED**—Pkt. 10c;  
1/2 oz. 20c; oz. 35c.

**SMALL MIXED**—Main small sorts in  
mixture. Pkt. 10c; 1/2 oz. 20c; oz. 35c.

**LARGE MIXED**—Main large sorts in  
fine mixture. Pkt. 10c; 1/2 oz. 20c; oz. 35c.

## Helichrysum

**STRAW FLOWER MIXED**—Fine ever-  
lasting flowers; bright colors for winter  
bouquets. Pkt. 10c.

## Heliotrope

Start indoors, plant out in May.

**MAMMOTH FLOWERED MIXED**—  
Pkt. 15c.

## Hollyhock

**INDIAN SUMMER (Honorable Men-  
tion '49)**—These are really perennials but  
are called annual because they bloom the  
first season from seed if started early.  
Fully double in pastel shades. Pkt. 25c.

## Impatiens

**SULTANI (Often called Busy Bee or  
Busy Lizzy)**—Long a favorite house  
plant, it is easily raised from seed. It has  
waxy bright-rose colored flowers. Also  
makes an excellent border plant, form-  
ing a good bushy growth about 15" high  
with abundance of bloom. Pkt. 25c.

## Kochia (Burning Bush)

Symmetrical plants, 3' tall, resembling  
an ornamental evergreen. Fine for  
hedges. Turns deep red in fall. Pkt. 10c.

## Lantana

**MIXED**—Half hardy greenhouse or  
bedding plant. Verbena-like heads of  
orange, white, rose, etc. Pkt. 15c.

## Linaria

**HYBRIDA MIXED**—Like small snap-  
dragons. Very brilliant colors. Pkt. 10c.

## Linum (Flax)

**GRANDIFLORUM RUBRUM (Scarlet  
Flax)**—1 1/2' high. Pkt. 10c.

## Lupines

**ANNUAL MIXED**—Easily grown;  
spikes of pea-shaped blooms 2' high.  
Pkt. 10c.



Larkspur, Giant Imperial Mixed

## Larkspur

2' to 3' high, splendid for beds or cut-  
ting. Plant September or early spring.

**Double Stock Flowered Type**

**ROSAMOND**—Deep pink. Pkt. 10c.

**Giant Imperial Type**

**BRILLIANT ROSE**—A deep salmon  
rose suffused brilliant-carmine. The  
large, round, fully double flowers are  
closely packed on long tapering spikes.  
Pkt. 10c.

**PINK KING**—Soft salmon rose. Pkt. 10c.

**CORAL KING**—Blush white. Pkt. 10c.

**WHITE KING**—Pure white. Pkt. 10c.

**BLUE BELL**—Azure blue. Pkt. 10c.

**BLUE SPIRE**—Large deep blue. Pkt. 10c.

**EXQUISITE PINK, IMPROVED**—Soft  
pink. Pkt. 10c.

**LILAC SPIRE**—Soft lilac. Pkt. 10c.

**PINK PERFECTION**—Light pink. Pkt.  
10c.

**GIANT IMPERIAL MIXED**—All col-  
ors. Pkt. 10c.

## Lobelia

For pots, edges or hanging baskets.

**CRYSTAL PALACE COMPACTA**—  
Best dark blue. Dwarf compact plants.  
Pkt. 15c.

**SAPPHIRE (Trailing)**—Large, blue  
flowers with pure white eye. Pkt. 15c.

**SPECIOSA**—Dark blue flowers and  
dark foliage. Trailing. Pkt. 15c.

**ERINUS**—Alba white. Pkt. 15c.

**DWARF MIXED**—All colors. Pkt. 10c.

# Marigold

**GILL'S "NEVER BEFORE"**—Our new 1949 Introduction. A remarkable advance in African Marigolds. Never before such new and unusual forms. Never before so many new shades and colors. Never before such remarkable freedom from the strong marigold odor. A leading florist remarked: "You have changed the Marigold so that with these new colors and forms we can use them extensively for weddings and bouquets." Strong vigorous plants, loaded with large blooms on strong stems. Without disbudding, irrigation or special fertilizing we grew many flowers 5 to 6 inches in diameter. The seed is offered in a blend of colors ranging from light lemon to deepest orange, including many types with wide loose petals, often quilled, cupped or twisted in formation. With disbudding, irrigation and extra fertilizing, blooms 8 inches in diameter can be grown from some types and with long erect stems. Many flowers in this strain are fragrant and the common strong marigold odor is generally absent. Here is your chance to be among the first to grow this outstanding new marigold. The vigorous plants stand 3 to 4 feet high with branching habit. Last season we made new selections resulting in a better blend than last year. **Pkt. 35c; 1/16 oz. \$1.25; 1/4 oz. \$3.75.**

**REDHEAD**—A.A.S. '48. Flowers are single, 2" across, with a crested center composed of many tiny, erect golden petals edged maroon. Plant vigorous grower forming a compact plant 12" tall and up to 20" across. **Pkt. 25c; 1/8 oz. 75c.**

**NAUGHTY MARIETTA**—Wide open, single flowers 2½" across; rich golden yellow attractively blotched maroon at the base of petals. Compact plants 1'; early and continuous bloomer. All America winner. **Pkt. 25c; 1/8 oz. 60c.**

**FLASH**—A.A.S. '45. Single flowers in two-tones and bicolors ranging from golden yellow to maroon red; rich and flashing colors. Uniform and compact plants averaging 18" in height. Blooms until frost. Ideal for borders. **Pkt. 25c.**

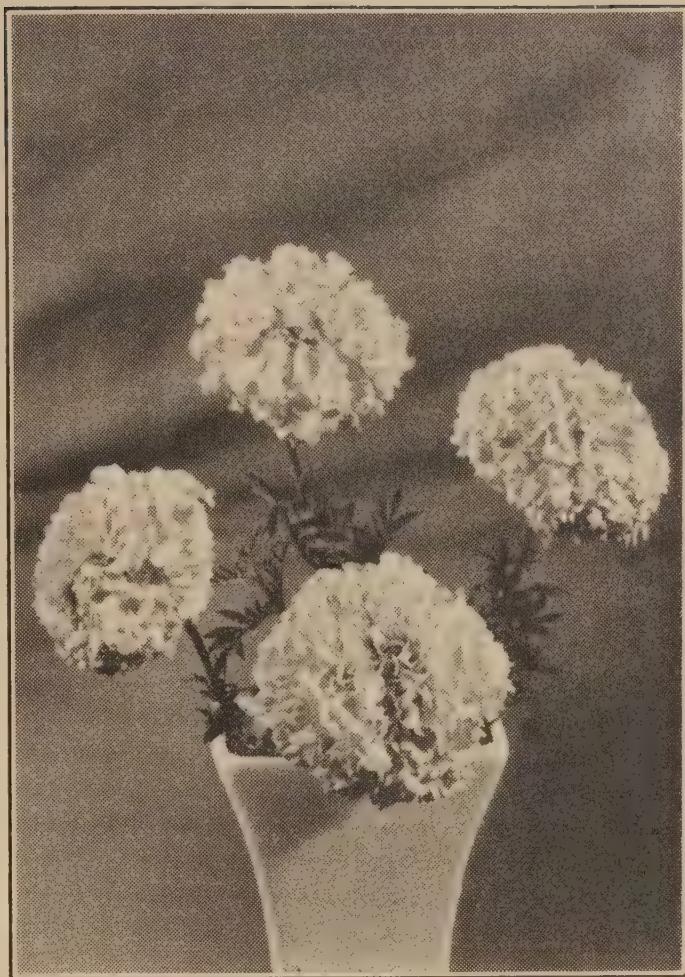
**REAL GOLD**—A.A.S. '45. Large golden orange flowers, double with ruffled and waved carnation-like petals. Blooms profusely. Stems long and sturdy. **Pkt. 25c.**

**MAMMOTH MUM**—Large fluffy light sulphur-yellow blooms in true mum form. Stems long and sturdy. **Pkt. 25c.**

**SUNKIST**—Dwarf French Harmony type. Rich, deep, golden orange. Early and free blooming. **Pkt. 15c.**

**MISSION GIANT YELLOWSTONE**—A.A.S. '42. Clear golden yellow blooms, 4" to 5" across, resembling an incurved chrysanthemum. **Pkt. 15c.**

**BUTTERBALL**—Dwarf double French Harmony type. 2" blooms of butter yellow, lightly tipped with maroon. **Pkt. 15c.**



Marigolds. Never Before (New).

**MISSION GIANT GOLDSMITH**—Rich golden orange, incurved. **Pkt. 15c.**

**GIGANTEA POT O'GOLD**—Plants grow 12" to 15", bearing 12 or more large blooms. Golden orange. **Pkt. 15c.**

**SCARLET GLOW**—A.A.S. '41. Double French variety. Bronzy-red blooms, on 12" stems. **Pkt. 10c.**

**SPRY**—Dwarf double French. Very early, 1½" blossoms with yellow crested centers and rows of mahogany guard petals. **Pkt. 10c.**

**CHRYSANTHEMUM FLOWERED HYBRIDS**—Orange and yellow mixed. **Pkt. 15c.**

**GIGANTEA SUNSET GIANTS**—Fragrant flowers, shades of orange to light yellow, 3' to 4'. **Pkt. 10c.**

**GUINEA GOLD**—African. Brilliant double orange. **Pkt. 10c.**

**DWARF DOUBLE HARMONY HYBRID**—French. Charming Scabiosa-like flowers, golden yellow bordered with a rich maroon red. Early, bushy plants. **Pkt. 10c.**

**SIGNATA GOLDEN GEM**—Dwarf single. **Pkt. 10c.**

**LARGE AFRICAN**—Double. LEMON, ORANGE and MIXED. **Pkt. 10c.**

**TALL FRENCH MIXED**—Double. **Pkt. 10c.**

**DWARF DOUBLE MIXED**—**Pkt. 10c.**

**DWARF AFRICAN MIXED**—Double. **Pkt. 10c.**

**LILLIPUT YELLOW PYGMY**—Dwarf bright yellow, bushy plants growing 6" high. **Pkt. 15c.**

## Matthiola

**BICONIS**—Night scented stock. A delightful free flowering dwarf plant. Small purple flowers are noted for their entrancing fragrance through the evening hours. **Pkt. 10c.**

## Mignonette

Keep a succession by sowing in April and July.

**DEFIANCE MIXED** — Extra large spikes. 15" to 18" long, deliciously fragrant. **Pkt. 10c.**

## Morning Glory

**PEARLY GATES**—A.A.S. '42. Superb blossoms about 4½" across. Lustrous white, creamy shaded throat. Vigorous fast climbing vines. **Pkt. 20c.**

**SCARLET O'HARA**—Rich dark wine red color. Blooms in 65 days, prefers sandy soil. **Pkt. 15c.**

**HEAVENLY BLUE**—Climber. **Pkt. 10c.**

**CLIMBING MIXED**—**Pkt. 10c.**

## Nasturtium

Sow in April, thin to 2" or 3".

### DWARF VARIETIES

**CHERRY ROSE**—Gem type with double soft cherry-rose blossoms. **Pkt. 15c.**

**SCARLET GLOBE**—Double blossoms. Dark foliage, compact plants. **Pkt. 15c; oz. 50c.**

**DOUBLE GEM MIXTURE**—Compact plants with no runners; excellent for borders. **Pkt. 15c; oz. 45c.**

**FINEST MIXED**—All colors. **Pkt. 10c; oz. 25c; ¼ lb. 90c.**

### TALL VARIETIES

**DOUBLE MAHOGANY**—Large, sweet-scented, dark mahogany red. **Pkt. 15c; oz. 45c.**

**DOUBLE GOLDEN GLEAM**—Large, sweet-scented yellow. **Pkt. 10c; oz. 40c.**

**DOUBLE GLEAM HYBRIDS**—Gorgeously colored, large, sweet-scented blooms. **Pkt. 10c; oz. 45c.**

**CALIFORNIA GIANTS MIXED**—All colors. **Pkt. 10c; oz. 25c; ¼ lb. 90c.**

## Nemesia

**LARGE FLOWERING MIXED**—Suitable for cool places. 1' tall, orchid-like flowers in scarlet, rose, blue, orange, etc. **Pkt. 10c.**

## Nemophila

Hardy annual. Easy culture. Useful for borders.

**IN SIGNIS BLUE (Baby Blue Eyes)** — **Pkt. 10c.**

## Nicotiana

**FLOWERING TOBACCO** — Finest mixed. All shades. **Pkt. 10c.**

## Nigella (Love-in-a-Mist)

**MISS JEKYLL**—Ideal cut flower; of bright blue. Free flowering. **Pkt. 10c.**

## Mesemtryanthemum (or Ice Plant)

**CRINIFLORUM**—A delightful little annual of spreading form; dainty blooms in shades of pink, red, and white with pink stamens. Easy culture and useful for carpet bedding or rock gardens. **Pkt. 15c.**

## New All Double Petunias

**BURPEE ORCHID**—Is unusually lovely, 4" to 4½" across, of a rich, light orchid color with deep, rosy purple veins; intense ruffling and deep fringing add to the beauty of exquisite blooms. Plants are semi-erect, the main stems growing 18" to 24" tall. **Pkt. (100 seeds) \$1.50.**

**MRS. DWIGHT D. EISENHOWER**—Flowers grow about 2¾" across. Uniform for doubleness and of a soft mid-salmon shade never before seen in any petunia. Plants are dwarf, bushy, and of good habit. **Pkt. (100 seeds) \$2.00.**

**ROSE MARIE**—Flowers are a delightful shade of rose-pink, 3" and more across, and freely borne on dwarf, compact plants 18" tall. Excellent for borders and cutting. **Pkt. (100 seeds) \$1.00.**

## New Multiflora Petunia

**PINK SENSATION**—Plants of this new hybrid are extremely vigorous, 2' tall, as much as 4' in width, and completely covered with rose bengal flowers, 3" across. **Pkt. (100 seeds) 50c.**

## Petunias

**COLOSSAL SHADES OF ROSE**—Giant all double flowers of American origin and the largest yet produced. The beautiful, intensely double blooms are often 5" across, appearing in rich rose shades, salmon-pink through rosy-pink to deep rosy-mauve. Vigorous plants 20" to 24" tall and bearing profusely over a long season. **Pkt. (100 seeds) \$1.00.**

**BRIGHT EYES**—Bronze medal. A more compact type of Rosy Morn. Flowers of clear light rose-pink with white throat, carried well above the foliage. Uniform color and habit. 10". **Pkt. 25c.**

**FIRE CHIEF**—All America Sweepstakes Winner 1950. The reddest petunia; dwarf habit; medium sized blooms; free flowering. Pkt. 25c.

**PEACH RED**—Full-bodied uniform pink, free from fading and vivid rich peach red. Shapely plants 12 inches tall and with a spread of 18" to 24". Desirable for beds and borders. Pkt. 25c.

**CHEERFUL**—Dwarf bedding petunias. Flowers grow 2 3/4" and more across. Color varying, according to age, from clear salmon-pink to softer, lighter shades of salmon. Plants are of a new habit of growth, being low, spreading close to ground, and later forming a dwarf mound 10" high and as much as 2' across; ideal for bedding and wide borders. Lovely for cutting. Pkt. 25c.

**GLAMOUR**—Luscious salmon rose, delicately veined brown in the creamy shallow throat. Plants 1 1/2' tall. Pkt. 25c.

**RADIANCE**—Rich cerise rose with golden yellow throat below the flare. Large flowers borne profusely. Pkt. 25c.

**RUFFLED DOUBLE GIANTS**—Only a portion come double, but are well worth while. Those plants showing the weakest vitality in starting make the best flowers. Pkt. 35c.

**CREAM STAR**—Dwarf bushy habit with soft creamy white blooms. Pkt. 25c.

**FLAMING VELVET**—Brilliant mahogany-red with velvety sheen; plants are covered with many large flowers all season. Pkt. 15c.

**WHITE BEAUTY**—Plants are semi-dwarf and free flowering. Medium sized, single, fringed, pure white. Pkt. 25c.

**DEFIANCE LARGEST FLOWERING**—Flowers often 5" wide, fringed, with open throats. Desirable colors. Pkt. 25c.

**ELK'S PRIDE**—Immense single; black purple, strong, vigorous grower. Pkt. 25c.

**SNOWSTORM**—Pure clear, snow-white flowers are borne freely. Pkt. 15c.

**NANA COMPACTA**—This miniature petunia, 5" to 6" high, is recommended for borders and rock gardens. ROSE GEM or MIXED. Pkt. 15c each.

**BALCONY**—MIXED. Pkt. 10c.

**SILVER BLUE (Heavenly Blue)**—Pkt. 15c.

**ROSE OF HEAVEN**—Brilliant rose. Pkt. 15c.

**ROSY MORN**—Rose, white throat. Pkt. 15c.

**BLOOD RED**—Pkt. 15c.

**GRANDIFLORA SPECIAL MIX**—Pkt. 20c.

## Phacelia

**CAMPANULARIA**—Suitable for rockeries and edgings. Intense gentian blue with conspicuous white anthers. Pkt. 10c.



Petunia, Defiance Largest Flowering—Page 41.

## Phlox

Massing, beds, borders; sow indoors or outside.

**RED GLORY**—Gigantea type. Brilliant red, with creamy white eye. Pkt. 20c.

**MAMMOTH FLOWERING**—Drumondi type. MIXED. Pkt. 15c.

**DWARF NANA COMPACTA MIX**—Symmetrical bushes, covered with flowers during the whole summer and fall. 8". Pkt. 25c.

## Poppies

Sow in fall or early spring.

**DOUBLE SHIRLEY (Begonia Flowered)**—Lovely, satiny flowers; finely cut foliage. PINK or MIXED. Pkt. 10c.

## Portulaca (Sun Plant)

For beds, edgings or rockeries.

**SINGLE MIXED**—All colors. Pkt. 15c.

**DOUBLE MIXED**—Selected. Pkt. 15c.

## Primula

**MALACOIDES**—Seed may be sown from May until October for spring blooming. They are easily grown after they get started, but will not tolerate fertilized soil in the seed flat or early stage of growth. Good range of color and sizes. Pkt. 50c.

## Rudbeckia

**HIRTA AUTUMN TINTS**—Bronze shades; petals stand out, do not droop; grows 3 feet tall. Pkt. 15c.

## Salpiglossis

Plant in open in May.

**VESUVIUS (New)**—This is a wonderful new addition to the color scheme of flowers for the home garden with its uniform height of 30", and flowers of gold and silver on a violet purple background. It makes a charming background for other plants. **Pkt. 25c.**

**DWARF GIANT FLOWERING MIXED**—Averaging 18" to 20" tall; compact branching habit. Showy, trumpet shaped blooms in rich color tones and velvety texture. Flowers larger than the regular strain. **Pkt. 15c.**

**LARGE FLOWERING**—2' to 3'. **MIXED.** **Pkt. 15c.**

## Salvia (Flowering Sage)

Sow indoors in Feb., plant in May.

**ST. JOHN'S FIRE**—The earliest, and most dwarf red strain available. About 12" high. **Pkt. 35c.**

**BONFIRE**—Dark green foliage; erect, globular growth with scarlet-red flowers. **Pkt. 15c; 1/8 oz. 80c; 1/4 oz. \$1.50.**

**SPLENDENS**—Bright scarlet, 3'. **Pkt. 15c; 1/8 oz. 80c; 1/4 oz. \$1.50.**

**PATENS**—Intense blue. **Pkt. 20c.**

## Sanvitalia (Trailing Zinnia)

Golden yellow with dark purple centers. Blooms June till frost. **Pkt. 10c.**

## Schizanthus

(BUTTERFLY OR FRINGE FLOWER)

**GIANT FLOWERED HYBRIDS**—Quick growing, especially good for shade. Mixed. **Pkt. 20c.**

## Scabiosa (Morning Bride)

Sow outside after danger of frost.

**IMPERIAL GIANTS, BLUE MOON**—Large, double, beehive shaped flowers. Deep lavender-blue, 4' tall. **Pkt. 15c.**

**ROSETTE**—Extra large flowers, long stiff stems. Deep rose suffused salmon. **Pkt. 15c.**

**AZURE FAIRY**—Double pale blue. **Pkt. 10c.**

**KING OF THE BLACKS**—Reddish black. **Pkt. 10c.**

**PEACH BLOSSOM**—Large, soft pink. **Pkt. 10c.**

**SHASTA**—Giant, pure white. **Pkt. 10c.**

**GIANT FLOWERED HYBRIDS, MIXED**—Large, ball shaped flowers. **Pkt. 10c.**

## Sedums - Succulent

**COERULEUM**—Attractive many-rayed flower, stars of soft blue. Filler plant for rock garden, or as an edger. **Pkt. 25c.**

## Snapdragon

(Rust Proof Maximum Type)

For early flowers sow in the fall, setting out in the spring, or grow the plants in spring in hot beds. **Prices: Unless noted—Pkt. 15c.**

**ALASKA**—Large pure white.

**APPLE BLOSSOM**—Light rose-pink, white tube.

**INDIAN SUMMER**—Coppery orange scarlet.

**CAMPFIRE**—Bright scarlet with yellow lip.

**YELLOW GIANT**—Canary yellow, white tube.

**LOVELINESS**—Pure soft rose-pink.

**RED CROSS**—Deep crimson with pure white tube. Striking contrast.

**SALMON PINK SHADES**—All shades of salmon.

**MAXIMUM MIXED**—Giant flowers closely set on tall spikes. **Pkt. 15c; 1/16 oz. 40c.**

**BLACK PRINCE (Not Resistant)**—Nearly black, small dark leaves. **Pkt. 15c.**

## Double Snapdragon (1948)

**FLORADEL**—A clear, soft Dresden yellow. On the unopened buds there is a pale rosy blush which disappears as soon as they open. Flowers are fully double, with many open at one time, and closely placed on strong, stiff spikes. A novelty of exceptional merit. 2½'. **Pkt. 50c.**

## Tetra Snaps

Giant Ruffled Tetraploid Snapdragons

The largest flowered of all Snapdragons. Many distinctly and attractively ruffled. Flowers of heavy substance which adds to their keeping value. **MIXED. Pkt. 25c; 1/16 oz. \$1.50.**

## Statice (Everlasting)

**ANNUAL MIXED**—Easy culture. **Pkt. 10c.**

**SUWOROWI or RUSSIAN RAT TAIL**—Interesting and artistic, slender spikes of rose-pink. May be grown in greenhouse or garden. 30" high. **Pkt. 10c.**

## Star of Texas

**XANTHISMA TEXANUM**—Single daisy-like flowers with pointed, light canary-yellow petals freely produced in neat, bushy plants, 1½' high and as much across. **Pkt. 15c.**

## Stocks

Easily grown from seed.

**DOUBLE GIANT COLUMN**—Spikes 2' to 2½', fully double, close spaced flowers. Strictly non-branching; especially valuable for florists.

**CHAMOIS ROSE (New)**—An excellent color for florists. Pkt. 25c.

**BEAUTY OF NICE**—Apricot beauty. Pkt. 15c.

**BALL ROSE PINK**—Deep rose pink. Pkt. 25c.

**BALL DEEP APRICOT**—Large flowered creamy buff. Pkt. 25c.

**BALL WHITE IMPROVED**—The best white. Pkt. 25c.

**ROYAL PURPLE**—Deep purple. Pkt. 25c.

**IMPROVED LARGE FLOWERING TEN WEEKS**—Dwarf, compact, branching, fine for bedding. Height 12". MIXED. Pkt. 10c.

### DOUBLE EARLY GIANT IMPERIAL

(Imperial Bismarck)—Height 25"

**BUTTERCUP**—Rich yellow. Pkt. 15c.

**ELK'S PRIDE**—Royal purple. Pkt. 15c.

**GOLDEN ROSE**—Light golden rose. Pkt. 15c.

**SANTA MARIA**—Giant pure white. Pkt. 15c.

**GIANT IMPERIAL MIXED**—Pkt. 10c.

### CUT AND COME AGAIN STOCKS

(Double Perpetual Branching)—20"

**BRILLIANT**—Blood red. Pkt. 15c.

**HEATHEN BEAUTY**—Golden rose. Pkt. 15c.

**SAPPHIRE**—Violet. Pkt. 15c.

**GIANT PERPETUAL MIXED**—Pkt. 10c.

## Virginia Stock

**DWARF MIXED**—Small red, rose, and white blooms. Plants grow 6" to 8" tall, excellent for borders. Pkt. 10c.

## Sunflower

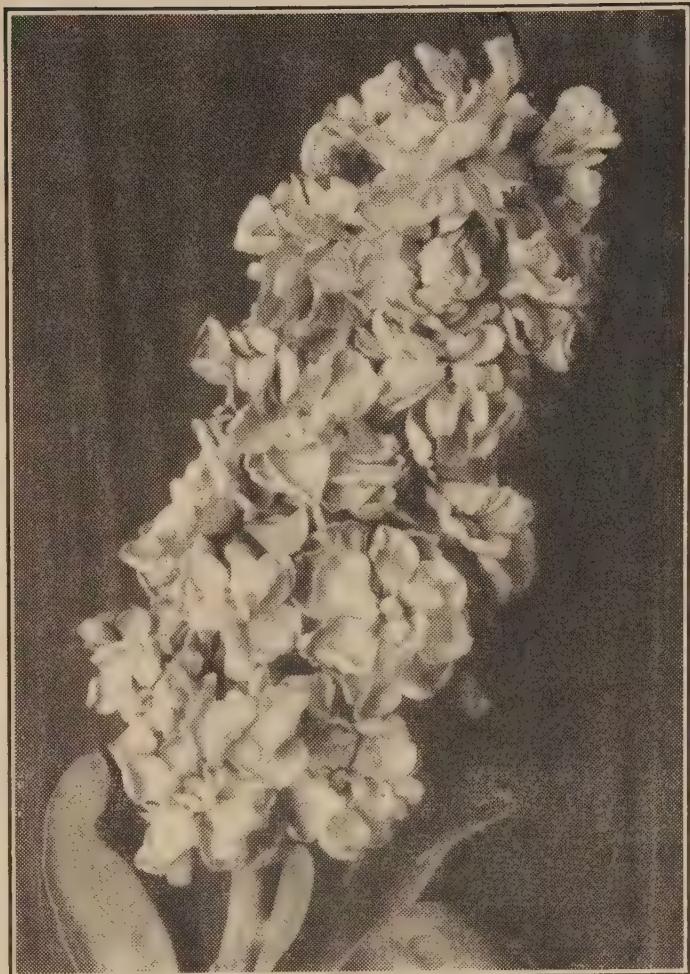
**SUN GOLD (New)**—Brilliant golden yellow blooms, 4" to 5". Plants 4' to 5' tall. Colorful for backgrounds. Pkt. 10c.

**CHRYSANTHEMUM**—Double, golden yellow; immense blooms on strong, tall stalks. Pkt. 10c.

**RED**—Color varies from yellow to red. Pkt. 10c.

## Thunbergia (Black Eyed Susan)

**FINEST MIXED**—Rapid climber, preferring a warm place; useful for hanging baskets, vases, fences. Buff, white, and orange, with dark eyes; 5'. Pkt. 10c.



Stocks, Chamois Rose (New).

## Tithonia (Mexican Sunflower)

**SPECIOSA**—Single, orange. 6' tall. Pkt. 10c.

## Verbenas

**Giant Hybrida Strain — PRICES: Unless noted: Pkt. 15c.**

**BRIGHTNESS**—Rosy cerise scarlet; white eye.

**LAVENDER GLORY**—Lavender, cream eye.

**LUCIFER**—Brilliant scarlet self.

**LUMINOSA**—Flame pink to salmon.

**MAMMOTH STRAIN MIXTURE**—Excellent large flowers.

## Venidium

**FASTUOSUM HYBRIDS**—Daisy-like flowers, shades from white to salmon. 22" to 3' tall; likes sun. MIXED. Pkt. 15c.

## Viscaria

**BRILLIANT MIXED**—Small single flowers of red, white and blue shades. Attractive borders, blooming all summer. Pkt. 10c.

## Wallflower

**DOUBLE EARLY WONDER MIXED**—Blooms in 90 days. Annual. Pkt. 10c.

# SPENCER SWEET PEAS

WE OFFER THE LARGEST SELECTION OF SWEET PEAS IN THE NORTHWEST  
All Sweet Pea Seeds Treated With ROOTONE

Their easy culture, freedom of bloom, artistic appearance and delightful fragrance, combined with their splendid cut-flower qualities make them one of the most desirable flowers for the public.

Spring sowings should be made as early in the spring as soil conditions permit. Here in the Coast regions they can often be planted in February. They can also be planted in November and with this method they will bloom very early in the spring; in fact, often by Decoration Day.

## NEW CUTHBERTSON SPENCER Improved Spring Flowering Spencers

This new race of heat resistant Sweet Peas is also outstanding for vigor and extra large flowers. They have long, strong stems.

**PRICES**—Unless noted are uniformly:  
Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c;  $\frac{1}{4}$  lb. \$2.25.

**WILLIAM** (Novelty 1950)—Pink picotee edge on white. Pkt. 20c; oz. 90c.

**CAROL**—Clear pink.

**COLINE**—Scarlet.

**DAVID**—Bright rose crimson.

**EVELYN**—Salmon cream pink.

**FRANK G**—Lavender.

**JESSIE**—Mauve.

**JANET**—White, black seeded.

**KENNETH**—Crimson.

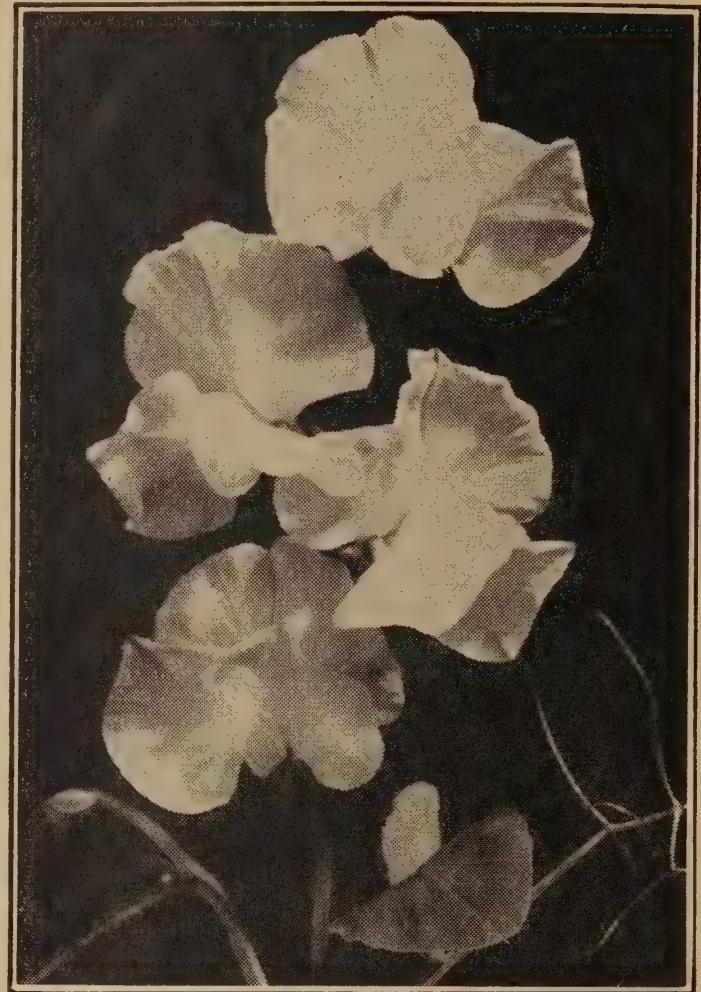
**KATIE**—Rose cream pink.

**LOIS**—Rose pink.

**MARIAN**—Cream, black seeded.

**TOMMY**—Blue.

**MIXED**—A blend of all shades.



Cuthbertson Sweet Pea, Janet

## Giant Flowering Spencer

**PRICES**—Unless noted are uniformly:  
Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.

**AVALANCHE**—Giant white.

**BONNY BRIAR**—Large rose pink.

**CHEERIO**—Begonia rose suffused gold.

**CHIEFTAIN**—Large, satiny mauve.

**ECSTACY**—Blush pink.

**FLAMINGO**—Orange scarlet.

**GIGANTEA**—Pure white.

**GLENNEAGLES**—Immense pale blue lavender.

**GLORIA**—Giant cream; picotee edge of rose.

**LADY MACBETH**—Dazzling red.

**GRAND SLAM**—Scarlet cerise.

**MARY PICKFORD**—Cream pink suffused salmon.

**MASTERCREAM**—Large cream.

**MELODY**—Golden salmon-pink on cream.

**MISS CALIFORNIA**—Salmon pink.

**PINKIE**—Large rose-pink.

**POWERSCOURT**—Mammoth lavender.

**PROLIFIC (Multiflora)**—Rose-pink.

**WINDSOR BLUE**—Large flowered and heavy stemmed; clear mid-blue.

**RED SUPREME**—Bright red.

**SERENADE**—Large, waved, medium salmon.

**SWEET AFTON**—Deep silvery pink.

**THE SULTAN**—Large, black, velvety.

**WELCOME**—Brilliant scarlet, grand.

## Giant Ruffled Spencer

Flowers are duplexed, heavily ruffled and frilled.

**PRICES**—Unless noted are uniformly:  
Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**RUFFLED BLUE**—Large clear blue.

**RUFFLED BEAUTY**—Lilac pink on amber.

**BONNIE RUFFLES**—Salmon pink on cream.

**RUFFLED CARMINE**—Carmine rose.

**RUFFLED CRIMSON**—Rich crimson.

**RUFFLED EXQUISITE**—Salmon-cerise with four large flowers on long stems.

**RUFFLED ORCHID**—Soft orchid.

**RUFFLED PINK**—Deep rose-pink on cream, becoming lighter toward the base.

**RUFFLED PRIMROSE**—Rich cream.

**ROYAL RUFFLES**—Scarlet-cerise.

**RUFFLED WHITE**—Good white.

**RUFFLED MIXED**—Excellent mixture.

## Early Flowering Spencer

These bloom two weeks ahead of the regular Spencer. Valuable for greenhouse forcing; also outside planting.

**PRICES**—Unless noted are uniformly:  
Pkt. 15c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75;  
lb. \$6.00.

**MISS SANTA MARIA**—(Novelty for 1948.) In this we have extremely soft and pleasing color tones. Blending from a clear white keel, light rose suffused with salmon to completely tint the standard and wings. Each flower is so completely duplexed that the extra petals in the buds resemble a miniature rose opening up. It is a strong grower, with healthy vines and heavy stems. **Pkt. 25c.**

**WAVES** (Novelty for 1946)—Mid-blue.

**BOON**—Deep salmon pink.

**DAPHNE**—Soft salmon-pink on cream.

**FLORIST BLUE**—Clear blue.

**FRAGRANCE**—Clear lavender self.

**GARDENIA**—Dense paper white.

**SEQUOIA**—Rich golden cerise.

**SHIRLEY TEMPLE**—Beautiful soft rose pink.

**SUSANNA**—Deep crimson.

**TREASURE ISLAND**—Sparkling golden orange.

**EARLY SUPER MIXED**—A very fine mixture. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25;  
lb. \$4.25.

### MIXED SWEET PEAS

**SHOW GROUND MIXTURE**—A remarkable mixture saved from trial grounds, being made up from a long list of new and standard named Spencers. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00.**

**GILL'S PROGRESSIVE MIXED**—This Spencer mixture contains a splendid assortment of colors, both light and heavy shades, and gives fine satisfaction. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 65c; lb. \$2.00.**

**CUPID (Dwarf)**—Useful for borders and edgings. **Pkt. 10c; oz. 35c.**

## ZINNIAS

These old-fashioned flowers have been highly improved and the new giant sorts are popular. Blooms 5" to 6" across are very common. Best results are obtained by planting where you wish them to grow. This is far better than transplanting, except for early blooms. Plant seed outdoors May 1 to June 15.

## New Luther Burbank Zinnia

Luther Burbank Zinnias are of the lovely delicate pastel or art shades. There are also unusual two and three-color combinations of soft and light shades. Flowers grow 5 to 5½ inches across and are composed of numerous petals which curl back somewhat to form thick flower heads 2 to 3 inches deep. Plants are strong, growing 3 to 4 feet tall, well-branched so that an abundance of long stemmed flowers are assured for cutting. **Pkt. 25c.**

## Mammoth Dahlia Type

Improved double Zinnias, gigantic size.

**PRICES**—Unless noted: Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 75c.

**CANARY BIRD**—Rich canary yellow.

**CRIMSON MONARCH**—Largest and best red shade; often 8" across.

**DREAM**—Deep lavender turning to mellow purple.

**ELDORADO**—Large salmon apricot.

**EXQUISITE**—Light rose with deep rose center.

**METEOR**—Rich, glowing red.

**ORIOLE**—Beautiful orange and gold bicolor.

**POLAR BEAR**—Large creamy white.

**SCARLET FLAME**—Large, bright scarlet with blending of orange throughout the petals.

**MAMMOTH DAHLIA MIXED**—A fine blending of colors.

## California Giants or Monster Type Zinnias

This type has rare and striking colors.

**PRICES**—Unless noted: Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 75c.

**CHERRY QUEEN**—Cerise rose.

**DAFFODIL IMPROVED**—Canary yellow.

**GOLDEN QUEEN**—Golden yellow.

**GRENADIER**—Bright red.

**MISS WILMOTT**—Giant, soft pink.

**ORANGE KING**—Color of Orange King Calendula.

**PURITY**—Giant pure white.

**ROSE QUEEN**—Opens bright rose with deeper center but develops into a warm, deep rose.

**MONSTER MIXED**—All shades mixed.

## Bedding Zinnias

**PRICES**: Unless noted. Pkt. 15c.

**SCABIOSA FLOWERED MIXED**—Medium sized, resembling Scabiosa.

**GAILLARDIA FLOWERED MIXED** (Navajo)—Two toned with a ring of deeper color in center.

**HAAGEANA DOUBLE HYBRIDS**—Small Mexican type. Attractive mixture.

**HOWARDS CRESTED GIANT MIXED**—Large flower. Excellent for cutting.

**LINEARIS**—Dwarf. Single, orange with yellow stripe and dark center.

**LILLIPUT TOM THUMB**—This mixture is from the most dwarf Zinnia known. Fine for borders.

**LILLIPUT DOUBLE**—Miniature flowers about the size of a daisy; excellent for borders. **Black Ruby**, **Canary Yellow**, **Crimson Gem**, **Golden Gem**, **Lilac Gem**, **Rosebud**, **Salmon Rose**, **White Gem**, and **Mixed**. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

## Fantasy Type Zinnias

Shaggy, medium sized double flowers. Excellent for cutting. It blooms profusely.

**WILDFIRE**—Dazzling scarlet. Pkt. 15c.

**WHITE LIGHT**—Pure white. Pkt. 15c.

**STAR DUST**—Golden yellow. Pkt. 15c.

**FANTASY MIXED**—Pkt. 15c.

## Elegans Pumila Zinnias

This type is between the Giants and Lilliputs in size. Double flowers highly prized for cutting, borders and massing in the garden. **Golden Orange**, **Salmon Rose**, **Scarlet**, **Crimson**. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.

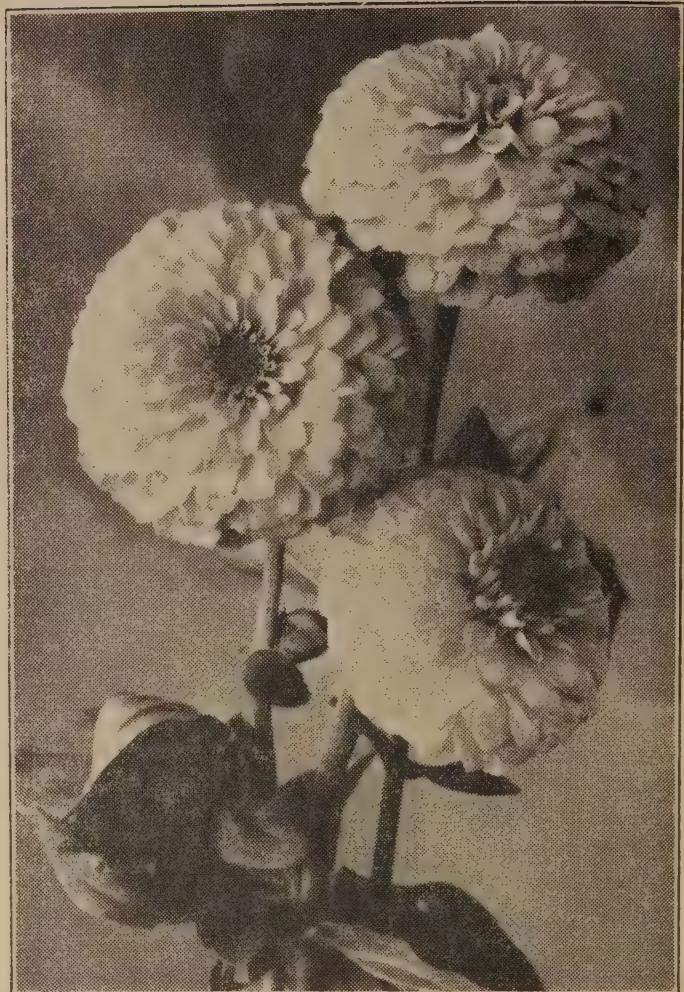
**ELEGANS PUMILA MIXED**—Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

## Wild Flower Garden

A mixture of many wild flower seeds which gives splendid results on banks and roadsides. This mixture contains annual and perennial flowers of easy culture. Pkt. 15c;  $\frac{1}{2}$  oz. 50c; oz. 95c.

## Rock Garden Mixture

**ANNUAL MIXTURE**—Pkt. 25c.



Zinnia, Elegans Pumila

## Cut Flower Garden Mixture

A mixture of hardy annuals blended to give a succession of flowers from early summer until fall. 2 to 3 ft. tall. Pkt. 15c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c; oz. 95c.

# PERENNIAL FLOWER SEED

Perennial Flowers are the more permanent ones, which live for many years. These plants bloom every year and die down again to the roots. They remain alive but are dormant until the next season. Some perennials will bloom the first year from seed if sown early, and germination will be better than if sown during the heat of the summer. The larger plants will also winter over better. Two seasons are usually required before the plants come into full bloom.

Perennials are among the most important flowers in the garden. With proper selection they will bloom from early in the spring until the fall, beginning with the showy, golden yellow Alyssum-Saxatile Compactum, Siberian Wallflower, Columbine, and others, ending the season with fall Chrysanthemums. With the perennials we include the best of the biennials, which bloom the second year after planting. Biennials usually die after blooming.

## Achillea

**THE PEARL**—Large clusters of small, double, pure white, everlasting blooms. Pkt. 15c.

## Aconitum (Monkshood)

**NAPELLUS**—Spikes of curious shaped blue flowers. Pkt. 15c.

### FOR ANNUAL FLOWER SEEDS

See Pages 34 to 46.

## Alyssum (Basket of Gold)

**SAXATILE COMPACTUM**—Grows 1' high and makes a mass of small yellow flowers in May. Easy to grow. Pkt. 15c.

## Anemone (Windflower)

**PULSATILLA**—Purple shades, it blooms during April and May. Pkt. 15c.

**ST. BRIGID**—Good range of colors in single, semi-double and double. Pkt. 15c.

## Anchusa

**DROPMORE VARIETY**—Rich gentian blue flowers in drooping sprays. Does well in dry areas with partial shade. Long blooming season. **Pkt. 15c.**

## Arabis (Rock Cress)

**ALPINA**—A mass of white flowers very early in the spring. **Pkt. 15c.**

## Aquilegia (Columbine)

Beautiful spring-blooming plants of graceful, airy habit; highly prized for the border and cutting. They succeed best in partial shade and light, fairly rich, well drained soil. Start inside or in open and transplant.

**SHORT SPURRED PURPLE**—Large, deep purple. Tall; free flowering. **Pkt. 20c.**

**BLUE SHADES**—Long spurred. Vary from light blue, mid-blue, deep blue to the darkest purple. **Pkt. 25c.**

**PINK SHADES**—Long spurred. Sepals and spurs are a beautiful shade of soft pink in contrast to the cream-colored corolla. **Pkt. 25c.**

**MRS. SCOTT ELLIOTT LONG SPURRED HYBRIDS** — Excellent range of colors. **MIXED. Pkt. 15c.**

## Armeria

**FORMOSA HYBRIDS**—For rockeries and borders. Compact plant with clover-like flowers in pink shades. **Pkt. 15c.**

## Asparagus

**PLUMOSUS**—Fine greens for bouquets. Fern-like foliage, tender perennial, sow in pots. **Pkt. 15c.**

**SPRENGERI**—For baskets and window boxes. **Pkt. 15c.**

## Asters (Michaelmas Daisy)

**PERENNIAL MIXED**—**Pkt. 25c.**

## Aubrieta (Rainbow Rock Cress)

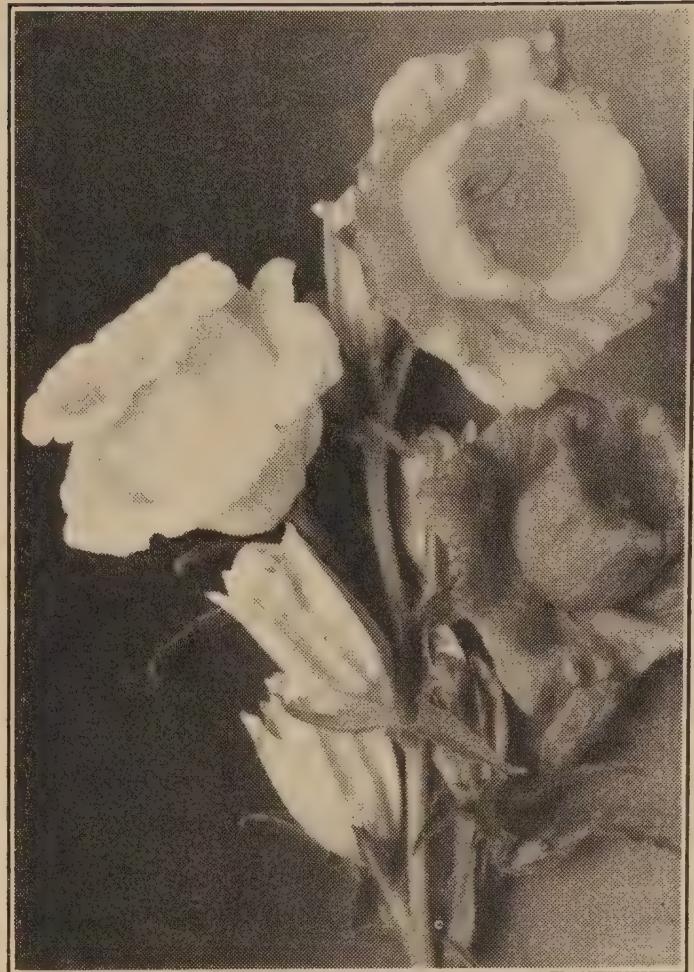
**LARGE FLOWERING HYBRIDS**—Colorful rockery and border plants. Sow in June. Masses of rosy purple, blue and lilac blooms. **Pkt. 15c.**

## Bellis or Double English Daisy

**MONSTROSA MIXED** — This giant type far excels the older varieties; flowers are larger, more fully double. **Pkt. 15c.**

**MONSTROSA RED** — Double red. **Pkt. 25c.**

**MONSTROSA WHITE**—It has double white flowers. **Pkt. 25c.**



Canterbury Bells, Cup and Saucer Mixed

## Cactus Seed

**MIXED**—Many varieties. **Pkt. 20c.**

## Begonia (Tuberous)

**DOUBLE CAMELLIA FLOWERED** — One of the best strains. Individual flowers 5" to 8" in diameter resembles camellias and roses in all forms and variations of color. **Pkt. 85c.**

**CHRISTMAS CHEER (Fibrous)** — Crimson scarlet. **Pkt. 50c.**

## Candytuft (Iberis)

**SEMPERVIRENS** — White candytuft, for bedding or borders. Thrives in all sections. Blooms in late May. **Pkt. 15c.**

## Canterbury Bells

Plant in frame in early spring, or outdoors about June 1st. Cover seed lightly; cover with paper until seed germinates.

**CUP and SAUCER BELLS, bi** — The largest type, with cup and saucer-like flowers. **WHITE, LIGHT BLUE, DARK BLUE, ROSE and MIXED. Pkt. 10c.**

**SINGLE MIXED, bi** — Bell-shaped. **Pkt. 10c.**

**PYRAMIDALIS MIXED**—**Pkt. 15c.**

**PEACH BELLS, Single mixed** — Saucer-shaped blooms on tall spikes. **Pkt. 15c.**

## Canna

Cannas can be successfully grown from seed if planted early. Pour boiling water over the seeds, take them out after 24 hours and sow at once in sand. Give some bottom heat and cover  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. The seed germinates irregularly in two to four weeks. Pkt. 25c.

## Carnation

Perennial, blooming the first season.

**GIANT FLOWERING**—ROSE, FLESH PINK, SCARLET, YELLOW, WHITE and MIXED. Pkt. 15c.

**FLORIST'S MIXTURE** — A special mixture from florist sorts. Can be used inside or out. Pkt. 25c.

**ENGLISH GIANT MIXED**—The most complete collection of colors, including the most rare shades yet offered gardeners. The blooms are surpassed in size only by the greenhouse type and if disbudded will closely approach that size. Pkt. 35c.

## Catananche (Cupid's Dart)

**COERULEA** — Bright lavender blue flowers somewhat resembling cornflowers which may be cut and dried as everlasting. It is a perennial that will bloom the first year from seed if sown early in the spring. Pkt. 15c.

## Centaurea (Dusty Miller)

**CANDIDISSIMA**—Thick silvery white leaves. Should be sown early. Pkt. 15c.

## Cerastium (Snow in Summer)

**TOIMENTOSUM** — Dwarf with silver foliage and small white flowers. Pkt. 15c.

## Chrysanthemums

**KOREAN HYBRIDS**—Gorgeous single, semi-double and double flowers in a wide range of colors. Bloom in September until frost. Will bloom the first year if sown early. 2' to 2 $\frac{1}{2}$ '. Pkt. 35c.

## Cineraria (Biennial)

Beautiful greenhouse, or indoor flower, easily grown from seed. High-grade mixture. Pkt. 35c.

## Coreopsis

**DOUBLE SUNBURST** — Deep golden yellow. Excellent cut flower. Pkt. 15c.

**LANCEOLATA GRANDIFLORA** — Large, showy, bright yellow. Pkt. 10c.

## Cyclamen

**GIANT MIXED** — A splendid mixture of brilliant and soft shades, grown from a highly selected strain. It requires 16 to 18 months to produce blooming plants from seed. Pkt. (10 seeds) 35c.

## Dahlia Seed

Start like Asters, transplanting about May 1st to 20th.

**UNWIN'S IDEAL BEDDING MIXED**—Miniature double and semi-double flowers on dwarf bushy plants. Pkt. 25c.

**CHOICE MIXED**—A mixture of many colors in different types. Pkt. 20c.

**COLTNESS MIGNON MIXED**—Dwarf single flowers, suited for bedding. Good cut flowers. Pkt. 15c.

**DECORATIVE MIXED** — Seed saved from choice varieties. Pkt. 35c.

**DOUBLE CACTUS** — Mixture from named sorts. Pkt. 35c.

## Delphinium (Perennial Larkspur)

### THE NEW PACIFIC GIANTS

An outstanding strain originated on the Pacific Coast. Comparatively mildew resistant, nearly 100% double.

**BLACK KNIGHT**—Dark blue. Pkt. 35c.

**GALAHAD SERIES**—Giant glistening white. Pkt. 35c.

**QUINEVERE SERIES**—Light pinkish lavender self, white Bee. Pkt. 35c.

**KING ARTHUR SERIES**—Royal violet, white Bee. Pkt. 35c.

**PERCIVAL SERIES**—White, black Bee. Pkt. 50c.

**SUMMER SKIES SERIES**—Clear, light blue, white Bee. Pkt. 35c.

**PACIFIC GIANTS MIXED**—Splendid blend. Pkt. 35c.

**IMPROVED BELLADONNA (Special Strain)** — Light blue, large flowered, strong grower. Pkt. 15c.

**IMPROVED BELLAMOSUM (Special Strain)**—Deep blue. Blooms 2 $\frac{1}{2}$ " across. Pkt. 15c.

**PASTEL SHADES**—Specially selected from large type. Very popular. Pkt. 25c.

**GIANT PRIZE MIXED**—Selected from Pacific Giant strain, single and double flowers in mixed colors. Pkt. 25c.

## Dianthus, Pinks

**DOUBLE DWARF CLOVE PINK MIXED** — Early, compact, spicy clove scented. Many will bloom first year if planted early. Pkt. 15c.

## Digitalis, Foxglove

GLOXINIAEFLORA MIXED, bi —  
Pkt. 10c.

SHIRLEY MIXED—Immense. Pkt. 10c.

## Erigeron

FLEABANE—Large, handsome blue flowers, violet tinted and yellow centers. Blooms in June and July; fine for cutting. They should be planted in warm sandy soil in full sun. Easily grown. Pkt. 35c.

## Fuchsia

MIXED—Fine selection of double and single types. Pkt. 20 seeds 35c.

## Gaillardia

DAZZLER—Giant gold and maroon red. Pkt. 15c.

PORTOLA HYBRIDS—Bronzy red, gold-tipped. Pkt. 15c.

## Geranium

ZONALE MIXED—A fine strain of largest and finest. Start indoors. Pkt. 35c.

## Gerbera (Transvaal Daisy)

JAMESONI HYBRIDS—Tender perennial. Large daisy-like blooms in yellow to red shades, on long stems. Sow seed singly, point up, cover lightly, water sparingly in hot-bed. Likes sun; protect from rain. Pkt. 25 seeds 25c.

## Geum

MRS. BRADSHAW—Popular, semi-double flowers, 2" across, brilliant scarlet; fine cut flowers; easily grown. Blooms in June and July. Pkt. 25c.

LADY STRATHEDEN—Double yellow. Pkt. 25c.

PRINCE OF ORANGE—True orange. Pkt. 25c.

## Gypsophila (Baby's Breath)

PACIFICA—These rose-colored flowers bloom first season from seed. Pkt. 25c.

PANICULATA—Single. Pkt. 15c.

PANICULATA DOUBLE—They bloom mostly with double white flowers. Pkt. 15c.

## Heuchera (Coral Bells)

SANGUINEA SPLENDENS—18" high. Coral-red flowers, blooming in July and August. Pkt. 20c.



Carnation, Giant Flowering—Page 48

## Helianthemum (Sun Rose)

MUTABLE—Rock plant. Pkt. 15c.

## Hibiscus, Marsh Mallow

MARVEL MIXED—Easily grown giant types; with flowers 3" to 5" in diameter. Blooms in September. Pkt. 15c.

## Hollyhock

CHATER'S DOUBLE—Mixed. Pkt. 10c.

SINGLE MIXED—Pkt. 10c.

## Incarvillea (Hardy Gloxinia)

GRANDIFLORA BREVIPES—Hardy on the west coast. Rose flowers on 2' stems. Blooms in June and July. Pkt. 15c.

## Jerusalem Cherry

A small plant whose small globular scarlet and yellow fruit make it an attractive pot plant for the house. Pkt. 25c.

## Iris

JAPANESE MIXED—Blooms in 2 years. Pkt. 35c.

## **Lathyrus (Perennial Sweet Peas)**

**MIXED**—Strong growing, hardy climber, easily started from seed. Fine for cutting. **Pkt. 15c.**

## **Lavender**

**VERA**—Fragrant, hardy 3'. **Pkt. 15c.**

## **Lily**

**REGALE**—Beautiful hardy lily. Large trumpet-shaped, sweet-scented flowers. Ivory white, tinged pink and purple, with yellow throat. **Pkt. 15c; 1/4 oz. 85c; oz. \$2.50.**

**CALLA ALBA MACULATA**—Dwarf white flower spathes with red blotched throat. Green, white spotted arrow-shaped leaves. 18" to 22" high. Semi-hardy. **Pkt. 25c.**

## **Linum (Flax)**

Graceful in rockeries and borders.

**BLUE FLAX**—Blue, 2'. **Pkt. 15c.**

**FLAVUM**—Golden yellow, 12". **Pkt. 15c.**

## **Lobelia**

**CARDINALIS**—Handsome plants with fine spikes of glistening cardinal red flowers in August and Sept. **Pkt. 25c.**

## **Lunaria (Money Plant)**

**HONESTY**, bi—Silvery, translucent, oval seed pods, prized for winter bouquets. An annual if sown early. **Pkt. 15c.**

## **Lupinus Polyphyllus**

Inoculate seeds with nitrogen. Chill seeds before planting.

**RUSSELL'S BLUE SEAL (Originator's Strain)**—**Pkt. 12 seeds 20c.**

**LUPIN**—Hardy plants with 3' spikes blooming May and June. Mixed. **Pkt. 15c.**

## **Lychnis (Jerusalem Cross)**

**CHALCEDONICA**—Easily grown, blooms first year with flaming scarlet flower heads. 3'. **Pkt. 15c.**

## **Myosotis, Forget-Me-Not**

**ALPESTRIS BLUE**, bi—Compact, upright growing. Easily grown. **Pkt. 15c.**

**INDIGO BLUE**, bi—Compact, deep blue, 6". **Pkt. 15c.**

**EVERBLOOMING**, bi—Blue. **Pkt. 15c.**

## **Matricaria**

**CAPENSIS DOUBLE WHITE**—2', splendid cut flowers. **Pkt. 15c.**

## **Nierembergia**

**PURPLE ROBE**—Dwarf, compact, free flowering. Maintains a deep violet purple color. For edgings or rockeries. **Pkt. 25c.**

## **Pansies**

Sow early inside; outside in March or August for spring plants. **Prices, unless noted: Pkt. 25c.**

**BUTTERFLY HYBRIDS**—New; a rainbow collection, abundantly ruffled, frilled, fluted, and marked with sun rays and blotches of butterfly sheen metallic jewel tones. **Pkt. 100 seeds 50c.**

**CORONATION GOLD**—Largest and best pure yellow pansy.

**GRAND DUKE MICHEAL**—Largest all-white pansy.

**GOLDEN GATE**—Golden yellow with dark blotch.

**IMPROVED SEA BLUE**—Best blue.

**JUMBO MADAM STEELE**—Giant velvety purple.

**GORGEIOUS RED**—A deep red pansy with a deeper red blotch.

**PAY DIRT**—The largest golden yellow ever produced. Blooms have dark ring or tiny dark faces. Fine habit of growth and resistant to summer heat. **Pkt. 50c.**

**ROGGLI'S GIANTS**—An excellent range of color. Giant flowers on long sturdy stems. Compact plant. **Pkt. 35c.**

**\*GILL'S MASTER MIXED**—This fine mixture includes all the giant type pansies.

**JUMBO MIXED**—Wonderful shades. Massive flowers on strong stems. Contains many red and bronze shades. **Pkt. 35c.**

**\*GILL'S OREGON GIANTS**—A splendid mixture of giant flowers in a good range of colors. **Pkt. 20c.**

## **Oriental Poppies**

Produce splendid cut flowers.

**ORIENTAL**—Large, orange scarlet, with black blotch on each petal. **Pkt. 15c.**

**PRINCESS VICTORIA LOUISE**—Large, soft salmon-rose. **Pkt. 15c.**

**OREGON SUPREME MIXED**—From the finest named sorts of our own growing. 30 varieties in mixtures. **Pkt. 20c.**

## **Iceland Poppies**

**ICELAND SINGLE MIXED**—Splendid. **Pkt. 15c.**

## Pentstemon

**SENSATION**—Gloxinia-like flowers on graceful 2' spikes. A wide range of bright colors. Only half hardy, and should be covered in winter. **Pkt. 15c.**

## Physalis (Chinese Lantern)

**FRANCHETI**—Largely grown for its vividly colored scarlet-red, lantern-shaped fruits which, when cut and dried, are widely used for winter bouquets. Does well in sunny locations. **Pkt. 15c.**

## Primrose, Hardy

**GIANT POLYANTHUS**—Large, thick round clusters of orange, purple and crimson flowers. Extra fine colossal strain. **Veris Mixed. Pkt. 35c.**

**LUTEA**—Sulphur yellow. **Pkt. 25c.**

**JAPONICA MIXED**—Clusters of bright colors. **Pkt. 25c.**

**AURICULA MIXED**—A favorite variety; 6 inches tall. Yellow, brown, red in mixture. **Pkt. 25c.**

## Phlox

**DECUSSATA**—Varieties mixed, 3' high. For best results plant in fall, germinating in the spring. **Pkt. 25c.**

## Pyrethrum

**HYBRIDUM MIXED**—Large, single daisy-like flowers in pink, red and white mixed. **Pkt. 25c.**

**DOUBLE MIXED**—**Pkt. 25c.**

## Ranunculus

**MAMMOTH DOUBLE MIXED**—Yellow, orange and red tones. Compact plants. Double and semi-double flowers. Very attractive in hardy border in early summer. Seed may require from 3 to 6 weeks to germinate and soil must not be permitted to dry out. **Pkt. 35c.**

## Salvia

**AZUREA (Perennial)**—Sky blue. **Pkt. 20c.**

## Scabiosa

**CAUCASICA LILAC**—Hardy, 3'. **Pkt. 15c.**

## Sedums (Succulent)

**BORDER BLEND**—Taller varieties, fine for front of mixed hardy border, or foundation planting. **Pkt. 25c.**

**DWARF HARDY**—Right for rock garden, edging or terrace covering. **Pkt. 25c.**



Delphinium, Pacific Giants—Page 48

## Statice

**PEREZII**—Bright blue. 12". **Pkt. 15c.**

**CASPIA**—Small lilac blooms on branched stems. 30". **Pkt. 15c.**

## Shasta Daisy

**GIANT DOUBLE SHASTA DAISY**—A new type. Large flowers that look like shaggy white asters. Extra long stems. As this is a new strain, a few single flowers may show. **Pkt. 25c.**

**ALASKA**—The popular evergreen, with single glistening, white flowers often 5" across. **Pkt. 10c.**

## Stokesia

**CYANEA BLUE**—Fine cut flowers; 2'. **Pkt. 15c.**

## Sweet William (Biennial)

**NEWPORT PINK**—Salmon rose. **Pkt. 15c.**

**ALBUS WHITE**—Good white. **Pkt. 15c.**

**DWARF MIXED**—Extra double dwarf. **Pkt. 25c.**

**SCARLET BEAUTY**—Large clusters of deep scarlet. Very popular. **Pkt. 15c.**

**NEW MAMMOTH MIXED**—Gigantic strain. Single flowers in a great range of color. **Pkt. 15c.**

**DOUBLE MIXED**—Selected. **Pkt. 20c.**

## Sweet Rocket

**SWEET ROCKET** (Matronalis Mixed) — 3' tall, fragrant spikes of blooms for May cutting. Pkt. 15c.

## Thalictrum (Meadow Rue)

**DIPTEROCARPUM** — Lilac-mauve with yellow anthers. 4' tall. Pkt. 25c.

## Tigrida

**MIXED** (Mexican Shell Flower) — Large triangular shaped flowers in bright colors. Pkt. 20c.

## Tritoma (Red Hot Poker)

**PFITZER'S HYBRIDS** — Easily grown, 4' to 5' tall. Brilliant red. Pkt. 15c.

## Tunica

**SAXIFRAGA** — A pretty tufted plant with light rose flowers. Used for rockeries or borders. Pkt. 15c.

## LIST FOR SPRING PLANTING

We offer here a very complete list of bulbs for spring planting. You will find here many fine flowers not usually listed. It is always our endeavor to secure quality in bulbs and to offer proven varieties. These offers subject to change in 1950 Fall Catalog. All prices postpaid unless otherwise noted.

## Abyssinian Sword Lily

A new introduction to the world of cultivated flowers. A real find from Western Abyssinia. It grows from bulbs or corms which form numerous bulblets or cormels. As easily grown as the gladiolus, it is similarly planted and harvested. It flowers from mid-August to September. It has tall rigid stems, 4 feet or higher, with very sweetly scented flowers. Petals are pure glistening white with a purplish maroon blotch at their base. An excellent cut flower. Excellent flowering size bulbs but naturally small. Available in February and March. Each 20c; 3 for 55c; doz. \$2.00.

## Agapanthus

### (BLUE LILY OF THE NILE)

They produce large umbels containing 100 up to 150 buds and blooms all at once, blooming in July and August. The evergreen foliage resembles that of the amaryllis and the flower stems stand sturdy as high as 4 feet. Hardy along the coast and throughout California except in high elevations. In other sections it is best to cover them during winter. Large, single divisions available January to April. Each 45c; 3 for \$1.20; doz. \$4.50.

## Amaryllis

**CALIFORNIA HYBRIDS** — A fine strain of large Amaryllis Hybrids. The bulbs can be potted October to May and flower freely indoors. They can also be grown in the garden and be taken up and stored like Gladioli. A good range of colors in mixture. Large bulbs. Each 75c; 3 for \$2.00; doz. \$7.50. Postpaid.

## Viola Cornuta (Tufted Pansies)

**JERSEY GEM** — Violet blue. Pkt. 25c.

**ARKWRIGHT RUBY** — Dark crimson scarlet. Pkt. 15c.

**LUTEA SPLENDENS** — Chrome-yellow. Pkt. 15c.

**CHANTREYLAND** — Apricot. Pkt. 15c.

**TUFTED PANSIES MIXED** — Pkt. 15c.

**JOHNNY-JUMP-UPS** — Little "pansy" flowers in extraordinary profusion from late spring to late autumn. Wide range of color. Pkt. 25c.

## Wallflower

Half hardy, blooming in the spring. Easily grown from seed.

**MAMMOTH DOUBLE MIXED** — Giant flowers; mostly double. Pkt. 15c.

**PERENNIAL SINGLE MIXED** — Pkt. 15c.

**SIBERIAN**, bi — 12" high with bright orange flowers. Pkt. 15c.

## Rock Garden Mixture

Wonderful mixture of over 50 rare and choice rock garden perennials. Pkt. 35c.

## HARDY AMARYLLIS BELLADONNA

Throughout the spring months they produce attractive green foliage which dies down in July. A month later the flower stalks spring out of the ground to a height of 2 to 3 feet with umbels of lily shaped flowers 8 to 12 in number and of delicate lilac pink color. Large bulbs. Each 50c; 3 for \$1.35; doz. \$5.00.

## Begonia Bulbs

### TUBEROUS-ROOTED

They begin blooming in July and are very valuable for summer flowers in shady places. They produce huge flowers in a great range of pastel and bright colors. The enormous blooms, often 6 inches and more across, are held above the broad, attractive foliage. They may be grown in pots inside or started in pots and planted outside. Cultural directions will be sent with each order. Ready February to April. You may order 6 of one kind or of one color at the dozen rate. We offer large bulbs, that with good care produce a fine display of flowers.

**DOUBLE CAMELLIA** — Giant double flowers, beautifully frilled and fringed on the outer edges. Offered in the following colors in large flowering sized bulbs. White, Rose, Scarlet, Red, Pink, Yellow, Orange, Salmon, Apricot, and Mixed. Each 35c; 3 for 95c; doz. \$3.50. Postpaid.

**CARNATION OR DOUBLE FRILLED** — Large double flowers resembling a carnation in form. The petals are frilled and have serrated edges. Offered in Scarlet, Red, Yellow, Pink, Orange, White and Mixed. Each 35c; 3 for 95c; doz. \$3.50. Postpaid.

**HANGING BASKET TYPE** — Double blooms, of medium size, often 100 flowers to a plant. Offered in Rose, Red, Orange, Yellow, Pink, and Mixed. Each 35c; 3 for 95c; doz. \$3.50. Postpaid.

## BEGONIA BULBS—Continued

**CRISPA SINGLE**—Produces large, profusely frilled and ruffled single blooms. Recommended in place of old type of single. Offered in Scarlet, Pink, Salmon, Apricot, White, Rose, and Mixed. Each 35c; 3 for 95c; doz. \$3.50. Postpaid.

**ROSE BUD MIXED**—A double type resembling perfect rose buds. Many blooms have two shades. Offered in a mixture of pastel shades. After the third day they open and flatten out. Large bulbs. Each 35c; 3 for 95c; doz. \$3.50. Postpaid.

**CRISTATA MIXED**—A single type, slightly frilled, with a Coxcomb-like tuft or crest on each petal. Very novel form. Each 35c; 3 for 95c; doz. \$3.50. Postpaid.

**PICOTEE**—Camellia type blooms with edges of each petal marked in a different color. Offered in Mixture only. Each 35c; 3 for 95c; doz. \$3.50.

**MARGINATA TYPE**—Crispa type with distinct margin around the edges. White with pink edges and salmon with copper edge. Each 35c; 3 for 95c; doz. \$3.50.

### NAMED TUBEROUS BEGONIAS

**RED TRIUMPH**—A very large, ruffled camellia type with velvety texture. Each 70c; 3 for \$2.00.

**ROSE DAWN**—Large, ruffled flowers of rose pink resembling a full blown rose. Each 70c; 3 for \$2.00.

**AUTUMN GLOW**—Extremely large flowers, the tufts of which are deep copper, contrasting with the rest which is apricot. Blooms often measure 10 inches across. Each 70c; 3 for \$2.00.

## Bleeding Hearts

**SPECTABILIS**—A popular hardy perennial and of easiest culture. Long racemes of graceful heart shaped flowers. Will do well in shade or sun. Each 75c; 3 for \$2.10. Postpaid.

## Calla Lilies

Hardy outdoors along the Coast of Oregon, Washington, also in the milder sections of California. Plant 4 inches deep and 2 feet apart. Available January to April. Can be started inside and planted outside in May. Prices postpaid.

**LARGE WHITE CALLA**—Strong, vigorous grower with flower stems 3 to 5 feet high. Large roots. Each 50c; 3 for \$1.40; doz. \$5.00. Postpaid.

**YELLOW CALLA**—Flowers bright yellow, foliage deep green, spotted white. Plant 1 to 2 inches deep. Good tubers. Each 55c; 3 for \$1.50; doz. \$5.50.

**PINK CALLA**—Medium sized flowers of rose pink shading to cerise when fully open. Height 10 inches. Each 60c; 3 for \$1.65; doz. \$6.00. Postpaid.

**BLACK CALLA (Arum Pictum)**—The odorless black calla. Good tubers. Each 75c; 3 for \$2.00; doz. \$7.50. Postpaid.

**ALBA MACULATA**—Dwarf white flower with red markings and blotches in the throat. Medium size. Quite rare. Each 65c; 3 for \$1.80; doz. \$6.50.

## Gill's Cannas

Valuable for foliage and their large brilliant flowers. Root divisions may be started in pots and transplanted about May 15 to June 15, depending upon location and seasons. Place about 2 feet apart in rows and 4 feet between rows. In mass beds they may be planted closer.

**Prices Postpaid**—Any variety; root divisions ready March and April. Each 20c; 3 for 55c; doz. \$2.00. Plants ready May and June. Each 45c; 3 for \$1.25; doz. \$4.50.

**KING HUMBERT**—Large orange scarlet flower and with deep bronze red foliage. 3 feet tall.

**THE PRESIDENT**—Immense bright red flowers in large clusters. Plants 3½ feet tall. Green foliage.

**YELLOW KING HUMBERT**—Tall green foliage, yellow flowers, spotted red.

**CITY OF PORTLAND**—Compact dwarf growth. Luxuriant green leaves, rosy pink flowers.

## Colchicum (Autumn Crocus)

A very unusual flower which blooms a few weeks after planting, blooming without foliage. They will also bloom on a shelf or table without water or soil. Flowers shaped somewhat like Crocus but larger and bloom before the foliage appears. It is sometimes called the Autumn Crocus. They bloom early in the fall. For delivery in August. You may order previous to that time and we will hold it for delivery in August.

**AUTUMNNALE**—Large, pale lavender. Each 25c; 3 for 70c; doz. \$2.50.

**AUTUMNNALE MAJOR**—Very large flowers; free blooming. Lilac pink. Each 40c; 3 for \$1.10; doz. \$4.00.

**ALBUM**—Large pure white. Each 35c; 3 for \$1.00; doz. \$3.50. Postpaid.

**VIOLET QUEEN**—Rich violet color. Each 30c; 3 for 80c; doz. \$3.00.

## Gloxinias

These brilliantly colored flowers are easily grown inside. One of the easiest pot plants to grow. Their gorgeous, velvety flowers will bloom for months. Plant from February to May, placing one bulb in a 5-inch pot. Cover bulbs about one inch and water sparingly. Set pot in a warm sunny window. Offered in mixture containing main colors, part in bi-colors—rose, scarlet, violet, dark violet, blue and dark crimson. Available in February and March. Each 55c; 3 for \$1.50. Postpaid.

## Gerbera (Transvaal Daisy)

**CALIFORNIA HYBRIDS**—A superior strain of giant single and duplex types with wide open flowers in a well blended mixture of brilliant colors, predominating in salmon, orange, red and pink shades. Delivery February to May. Large 2 to 4 eye root divisions. If left outside during the winter they need protection. Offered in mixture only. Each 35c; 3 for 95c; doz. \$3.50.

## Gladiolus Nanus

### (Baby Glads)

A new strain of fall planted Gladiolus, easily grown and hardy down to 16 degrees F. They bloom in late June and early July, making dainty and graceful bouquets. Plant about 4 inches deep in the fall in well-drained soil. Available in the fall and spring. Very popular for corsages. When planted in the fall, mulch with straw for protection. Prices, uniformly: 3 for 35c; 12 for \$1.25; 100 for \$9.50. Postpaid.

**AMANDA MAY (New)**—Pretty salmon pink with small violet marks on lower petals. Flowers larger and later than Spitfire.

**PEACH BLOSSOM**—Lovely soft pink.

**SPITFIRE**—Brilliant, coral red.

**THE BRIDE**—Beautiful white flowers.

**MIXED**—A good mixture of colors.

## Iris, Spuria (Root Iris)

Non-bulbous, rhizomatous, for outside culture. Marvelous long stemmed cut flowers. Should be planted before March 1st. Prices on both kinds. Each 25c; 3 for 70c; doz. \$2.50.

**AUREA**—The richest of all yellow iris. Self golden blooms of the same substance, form and size as Dutch iris, but four blooms on 4 to 5-foot stems.

**OCHROLENCA**—Like Aurea but early flowering and ivory white with a gold band in the center of the falls.

## Bearded Iris

These popular, hardy Iris in new and standard varieties are offered in our fall catalog. They should be planted from July to November. If interested ask for our catalog of last fall. We offer some of the very best novelties.

## Peruvian Lily (Astromeria)

**AURANTIACA**—Large orange flowers in clusters and a splendid cut flower. Very productive of flowers on long stems. Root divisions can be planted in fall or early spring. Each 25c; 3 for 70c; doz. \$2.50.

## Lily of the Valley

Hardy out of doors. They require a mellow, rich soil and a moist, shaded position. Cover pips one-half inch deep. Delivery November to February. Oregon grown pips: 6 for 40c; doz. 70c; 100 for \$4.50. Postpaid.

## Hardy Lilies

These hardy lilies may be planted in the fall or early spring. Our bulletin covering culture will be enclosed with shipments. We offer bulbs that will bloom the first year under proper culture. Candidum varieties should be ordered in the summer so that prompt shipment can be made upon arrival of the bulbs. Prices postpaid.

**CANDIDUM (Cascade)**—An improved strain of this popular Candidum or St. Joseph Lily. Larger flowers and taller stalks. Vigorous in growth. Each 60c; 3 for \$1.60; 12 for \$6.00.

**REGALE**—Magnificent hardy lily from China; vigorous, 3 to 5 feet, bearing several large, white, fragrant flowers; slightly shaded pinkish brown outside the trumpets. Thrives in any good well-drained soil, preferring full sun. Plant 6 to 9 inches deep. Medium size bulbs, each 25c; 3 for 65c; 12 for \$2.50. Extra large bulbs, each 50c; 3 for \$1.40; 12 for \$5.00.

**SPECIOSUM RUBRUM (Pink Tiger Lily)**—Strong, vigorous grower with stems 3 to 4 feet tall. Blossoms white, shaded rose and spotted deep red. Plant 9 inches deep. Medium size bulbs. Each 60c; 3 for \$1.70; doz. \$6.00. Postpaid.

**SPECIOSUM ALBA**—The white Rubrum lily. Each 60c; 3 for \$1.70; doz. \$6.00. Postpaid.

**TESTACEUM**—Salmon apricot with orange antlers. Does well under the same conditions as Candidum and blooms at the same time. A very unusual lily. Place order for August planting. Plant 3 inches deep. Each \$1.00; 3 for \$2.75; doz. \$10.00. Postpaid.

## Day Lilies, Hemerocallis

These hardy perennials are greatly improved, far surpassing the old varieties. Fall and Spring delivery. The dozen rate is 10 times the single rate. 6 of one kind at the dozen rate. Prices postpaid.

	Each
<b>BAGDAD</b> —Coppery red and brown	.50
<b>CHENGTU</b> —Coppery red and carmine	.85
<b>DAWN</b> —Rosy buff tone	.50
<b>GOLDEN DREAM</b> —Deep golden orange	.50
<b>GOLDENI</b> —Deep gold	.25
<b>HYPERION</b> —Waxy canary yellow	.60
<b>J. S. GAYNOR</b> —Soft apricot	.50
<b>LINDA</b> —Golden yellow. Red eye	.50
<b>MIKADO</b> —Orange and maroon	.35
<b>MODESTY</b> —Pale lemon yellow	.40
<b>ROYAL</b> —Fragrant golden yellow	.40
<b>SUNNY WEST</b> —Big canary yellow	.50
<b>SPLENDID MIXED</b>	.25

## Hardy Phlox

We carry 14 varieties of these listed in our 1949 Fall Catalog. To be mailed to you upon request.

## Montbretias

Flowers and spikes resemble small gladioli. Hardy in the West and South, also in the North if given some protection with leaves or strawy manure. The bulbs increase rapidly and produce good cut flowers. Hardy perennials which can be sent in the fall or early spring. They grow from 2 to 4 feet tall and bloom freely. Fine for borders along fences and for naturalizing. Flowers range according to varieties, one-half to two inches in diameter. We offer some fine new named varieties. More detailed descriptions in our Fall Catalog. Prices on new varieties: 3 for 30c; doz. \$1.00; 100 for \$6.50. Postpaid.

### NEW MONTBRETIAS

**WESTWICK**—Orange and gold.

**KATHLEEN**—Orange suffused red.

**LADY WILSON**—Large, golden.

**ROSEA**—Light rose pink.

**NIKOLAS MAES**—Reddish yellow.

**LADY HAMILTON**—Light orange and red.

**VESUVIUS**—The deepest red.

**SIR MATHEW WILSON**—Large orange red.

**BRIGHT AND RED**—Orange red and gold.

**FINE MIXED**—Splendid mixture.

## Milla Biflora

White, wax-like flowers, about 2 inches in diameter. Wiry stems, 12 to 18 inches tall, bearing 2 to 7 flowers each. Free blooming from July to September. Flowers cut well and have slight fragrance. January to February delivery. 3 for 35c; doz. \$1.25.

## Tuberoses

Lovely, large white flowers of thick wax-like texture on graceful, long, strong stems. Valuable in the gardens, also for cut flowers. They also have a rich, exotic fragrance. Plant after danger of frost, 2 inches deep to top of bulb. They prefer well-drained soil and sunshine. The flower stems are about 15 to 20 inches tall and bloom in August and September. Near the seacoast they can be left in the ground over winter but in other sections it is best to dig and store them. Available in February. We offer **Single** and **Double** at the following prices: 3 for 35c; doz. \$1.25.

## Tigridia or Tiger Flower

Gorgeous colors, produced during the summer. Short lived blooms but very brilliant. Plant 2 to 3 inches deep and 6 to 8 inches apart. We offer a fine range of colors in mixture. Blooming sized bulbs ready in January. Mixed from shades of scarlet, cream, rose, yellow and orange. 3 for 35c; doz. \$1.25; 100 for \$8.50. Postpaid.

## Tritoma

**PFITZER'S HYBRIDS**—These new hybrids have a range of color from white to red shades. Hardy perennials blooming August to October. Spikes often 3 feet tall. Available February to April. Plants 20c; 3 for 55c; doz. \$2.00. Postpaid.

## Watsonias

Much like tall giant spikes of gladiolus and bloom during June and July. The spikes grow 4 to 5 feet tall and do best in a sunny location. Plant 3 inches deep. Fall planting is safe along the coast and they can be left in the ground over winter in those localities. In sections of severe cold it is best to plant in the early spring and dig and store them each year.

**SPECIAL MIXED**—Mixed from named varieties. Feb. and March delivery only. 3 for 30c; doz. \$1.00; 100 for \$6.50. Postpaid.

# VEGETABLE PLANTS

**IMPORTANT NOTICE**—We positively will not send any plants C.O.D. Payment on plant orders must accompany the order. For safe shipment we advise that vegetable plant orders be limited to Oregon, Washington, Idaho, Wyoming, California, and Western Montana.

**NOTE**—Because there is often confusion in ordering and shipping plants we urge our customers to put the section number along with the variety.

## WINTER HARDENED CABBAGE PLANTS — Section 1

**NOTICE**—Our plants look better than ever but because they are sometimes destroyed by freezing weather, we recommend that you authorize us to send equal value in greenhouse plants listed below. These winter hardened plants are not the best looking but are much more hardy.

**VARIETIES** offered are EARLY JERSEY WAKEFIELD for early crops, and DANISH BALLHEAD and DANISH ROUNDHEAD for summer maturity. **PRICES, POSTPAID:** Doz. 30c; 3 doz. 75c; 100 @ \$2.00. (These prices are based on one variety only. If your order is divided into more than one variety add 10% to these postpaid prices. **Not prepaid**, 250 @ \$2.25; 500 @ \$3.75; 1000 @ \$7.00.

## GREENHOUSE GROWN CABBAGE PLANTS — Section 2

These plants are grown in greenhouses in flats, and the seed cannot be sown outside in the fall for winter hardened plants. Ready about March 1st to May 1st.

**VARIETIES** are GOLDEN ACRE, COPENHAGEN MARKET and GLORY OF ENKHUIZEN. **PRICES, POSTPAID:** Doz. 35c; 3 doz. 90c; 100 @ \$2.50. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

## CAULIFLOWER PLANTS, GREENHOUSE GROWN — Section 3

**EARLY SNOWBALL** No. 16—Success in home gardens with early cauliflower is rather difficult for the crop matures during warm weather. They require rich soil and plenty of water. **PRICES, POSTPAID:** Doz. 40c; 3 doz. \$1.00; 100 @ \$2.75.

## SUMMER CABBAGE, FIELD GROWN — Section 4

Well hardened field grown plants, ready about May 15th to June 15th. Available until July 1st. These will produce heads in late summer and early fall. These plants are of our own growing.

**VARIETIES** are COPENHAGEN MARKET, GLORY OF ENKHUIZEN, PORTLAND ROUNDHEAD and OREGON BALLHEAD. (These varieties listed in order of maturity.) **PRICES, POSTPAID:** Doz. 25c; 3 doz. 70c; 100 @ \$1.60. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Prices not prepaid**, 250 @ \$2.00; 500 @ \$3.50; 1000 @ \$6.50.

## LATE CABBAGE PLANTS, FIELD GROWN — Section 5

Sturdy, well hardened field grown plants of our own growing. Ready July 1st to September 1st.

**VARIETIES** are OREGON BALLHEAD, DANISH BALLHEAD, DANISH BALLHEAD No. 415, PORTLAND ROUNDHEAD, DANISH ROUNDHEAD, RED CABBAGE and SAVOY. **PRICES: POSTPAID:** Doz. 25c; 3 doz. 65c; 100 @ \$1.50. (These prices are based on one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Prices not prepaid**, 250 @ \$1.75; 500 @ \$2.75; 1000 @ \$4.75; 5000 @ \$4.50 per M.

## BRUSSELS SPROUTS, FIELD GROWN PLANTS — Section 6

Hardy plants, ready July 1st to September 1st. **PRICES**, same as Late Cabbage plants above.

## KALE PLANTS, FIELD GROWN — Section 7

Hardy plants, ready July 1st to September 1st. More kale should be planted, for it is very hardy, easily grown, and very essential for proper nutritional balance.

**EDIBLE VARIETIES** — TALL GREEN SCOTCH CURLED, DWARF BLUE GREEN CURLED,

DWARF GERMAN CURLED and GEORGIA COLLARDS. Same prices as Late Cabbage above.

**FEEDING VARIETIES** — JERSEY KALE and 1000 HEADED. Valuable for poultry and livestock.

Same prices as Late Cabbage above.

## LATE CAULIFLOWER AND BROCCOLI PLANTS — Section 8

Hardy field grown plants, ready July 1st to September 1st.

**VARIETIES** are NOVEMBER-DECEMBER CAULIFLOWER, ST. VALENTINE OREGON SPECIAL, PURPLE CAULIFLOWER and GREEN BROCCOLI MEDIUM. **PRICES, POSTPAID:** Doz. 30c; 3 doz. 75c; 100 @ \$1.90. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Not prepaid**, 250 @ \$2.25; 500 @ \$3.50; 1000 @ \$6.50; 5000 @ \$6.00 per M.

## TOMATO PLANTS — Section 9

These are grown in flats in greenhouses or in frames. Ready about April 25th to June 15th.

**VARIETIES** are ALL PURPOSE, GILL'S SELECTED EARLIANA, IMPROVED PEPPER TOMATO, IMPROVED WASATCH BEAUTY, JUBILEE, BONNY BEST, PRITCHARD, BREAK O'DAY, STOKESDALE, MASTER MARGLOBE, SEATTLE BEST OF ALL, VALIANT, PORTER and PEAR (Yellow and Red). **PRICES, POSTPAID:** Doz. 45c; 3 doz. \$1.20; 100 @ \$3.50. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

## PEPPER PLANTS — Section 10

Grown in greenhouses in flats. Ready May 10th to June 15th.

**VARIETIES** are CALIFORNIA WONDER, OAKVIEW WONDER, HARRIS EARLY GIANT and RED CAYENNE. **PRICES, POSTPAID:** Doz. 50c; 3 doz. \$1.35; 100 @ \$3.25. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

## CELERY PLANTS — Section 11

**GREENHOUSE PLANTS**—Ready about March 15th. Grown in flats. UTAH JUMBO (Green Celery).

**LATE CROP PLANTS**—Ready about July 1st. Grown in field beds. Same variety as above. Sometimes available in quantities. **PRICES FOR BOTH, POSTPAID:** Doz. 50c; 3 doz. \$1.25; 100 @ \$3.00.

## CAULICAB — Section 12

Ready June 15th to Sept. 1st. **POSTPAID:** Doz. 50c; 3 doz. \$1.35; 100 @ \$3.50.

# Everbearing Strawberries

With the coming of the large, fine flavored, rich colored everbearing varieties there has been a greater interest in growing strawberries in the home gardens. They can be planted in the spring or in October and early November. Always select a well drained location convenient for watering the plants during the summer production. We supply healthy clean plants.

**Note: Read Before Ordering**—Because of distance and delay from inspections, sale of strawberry plants will be limited to the states of Oregon, Washington and Idaho. Exceptions will be made on lots of 100 or more when shipped by Express. Plants will not be sent C.O.D. Payment should accompany the order.

**ROCKHILL**—Large bright berries produced in large quantities all summer and fall. This variety makes very few runners and most of the plants are secured by dividing up the one year old plants. This has the advantage of eliminating the second rate producers. Many people believe that the Rockhill berry should not make runners, however this is not true. If given plenty of fertilizer and water they will make some runners and these are ideal for setting out. **Plants Postpaid.** Doz. \$1.25; 50 for \$4.50; 100 for \$8.50.

**NEW STREAMLINER**—A new variety of delicious quality and producing heavy crops of large berries. This new berry originated in Oregon and has made quite a sensation. It bears throughout the season from Spring until late Fall. **Prices Postpaid.** Doz. \$1.10; 50 for \$4.25; 100 for \$7.50.

## Rhubarb

Rhubarb can be planted in October and November, depending upon your locality. Fall planting enables you to have quicker results than spring planting. We offer good, strong divisions with good eyes to start the crowns. For quantities write for prices. Ready for shipment about November 1. Prices quoted are for good divisions. Do not pull any stems the first year after planting. Space 2½ feet apart in the rows and 6 feet between rows. If planting is deferred until Spring set them out before May 1. If you are unable to set them out when received plant in moist sand until ready. If the root divisions are planted in soil that is too dry they may fail. **Prices postpaid.**

**CHIPMAN'S CANADA RED**—This new variety has the reddest interior in the stems of any kind yet introduced. The exterior of the large stems is bright crimson. The interior is really red throughout the whole length of the stem. Not a faint pink but a real red. Somewhat sweeter than most varieties. Each 55c; 3 for \$1.50; doz. \$5.50.

**McDONALD**—A splendid new rhubarb. Very productive of extra large stems with bright crimson exterior and better interior color than most of the older varieties. Each 55c; 3 for \$1.50; doz. \$5.00. **Postpaid.**

**RIVERSIDE GIANT**—Extra large stems of bright crimson. One of the best producers for market. High Quality. Each 40c; 3 for \$1.10; doz. \$4.00.

## VALENTINE, New Rhubarb

The last word in fine rhubarb. Developed by Ontario Experiment Station, Canada. Best of the new "all-red" varieties. Official report on Canadian Cooking Tests of 25 leading varieties: "Valentine sauce rated highest. Color: an even, deep bright red. Texture: smooth and tender. Flavor: pleasing with slightly tart after taste. All testers accorded Valentine the highest standard." Valentine has the richest color, the best flavor, the largest stalks, and the fewest seed stalks, of all the new red sauce producers. Larger than Chipman's and equally red inside. It seldom sends up a seed stalk. Each 90c; 3 for \$2.55; doz. \$9.00.

### LETTERS REGARDING BACK ORDERS

When you write us regarding items not complete on your order, please explain the type of items you refer to such as seeds, plants, Dahlias, etc.

## SELECT GLADIOLUS

Gladiolus bulbs should be planted 4 inches deep in good rich soil well prepared. Planting time will depend upon your choice. March 1 to June 1 will usually permit full bloom. Our bulletin on culture will be sent upon request and a copy will be included with each order.

**Prices, unless listed are uniformly: Postpaid.** Each 12c; doz. \$1.10. You can order 6 of one kind at the dozen rate. We supply good, healthy bulbs of large size that will give strong spikes of bloom. On paid orders for Gladiolus, amounting to \$10.00 or more, you may take a discount of 5%. Postpaid.

**ABU HASSON**—Large flowers, violet blue, very dark in bud, light penciling in throat. Holland variety. Each 20c; doz. \$2.00.

**ALADDIN**—Huge ruffled dark salmon, large cream blotch. Early mid-season.

**ALASKA**—Pure white flowers, a promising commercial. Each 20c; doz. \$2.00.

**BADGER BEAUTY**—Tall large lavender, creamy white throat.

**BAGDAD**—Large smoky old rose. Mid-season.

**BARCAROLLE**—Finest salmon orange large and ruffled. Late mid-season.

**BERTY SNOW**—Fine large lavender. Early.

**BETTY NUTHALL**—Large, orange coral color.

**BIT O' HEAVEN**—Tall growing deep orange, contrasting yellow throat. Medium early.

**BLACK OPAL**—Large exhibition black red. Mid-season.

**BLUE BEAUTY**—Large medium blue. Early.

**BOLERO**—Smoky orange with brownish red blotch; heavily ruffled. Each 15c; doz. \$1.50.

**BUCKEY BRONZE**—Beautiful old rose bronze with a distinct orange shading. Each 15c; doz. \$1.50.

**BURMA**—Huge ruffled old rose. Each 15c; doz. \$1.50.

**CAMELLIA**—Large, flush white with red throat.

**CALIFORNIA (Salbach Patented)**—Extra large, wide open, clear geranium pink with deeper blotch; long straight spikes. Each 25c; doz. \$2.25.

**CANDY HEART**—Large apricot pink, with red blotch. Medium early.

**CHAMOUNY**—Tall dark rose with silvery edge, very striking. Medium late.

**CHEHALEM**—New. Early brilliant velvety red with deeper throat. Each 30c; doz. \$3.00.

**COMMANDER KOEHL**—Giant deep red, one of the best. Each 15c; doz. \$1.35.

**COMMANDO**—Extra fine new red; very promising cut flower. Each 15c; doz. \$1.60.

**CORONA**—Creamy white, with pink picotee edge. Mid-season.

**ELIZABETH THE QUEEN**—Beautiful, large, clear ruffled lavender. Mid-season. Each 15c; doz. \$1.35.

**FAIR ANGEL**—Large ruffled creamy white, tall, medium early.

**GRAF ZEP**—Early medium dark red. Each 20c; doz. \$1.90.

**GENERAL EISENHOWER**—Brilliant begonia rose, flowers immense, strong healthy grower. Early mid-season. Each 20c; doz. \$2.00.

**GENGHIS KAHN**—Beautiful, large ruffled pink, mid-season. Each 30c; doz. \$3.00.

**GREENLIGHT**—Giant, greenish white with ruffled blooms.

**GRETA GARBO**—Beautiful light pink. Mid-season.

**HARMAU**—Large blooms, tall straight spikes, salmon scarlet. Early mid-season.

**HIGH FINANCE**—Smokey orange grey with cream throat, ruffled. Late mid-season. Each 15c; doz. \$1.35.

**HUNTRESS**—Pink shade of lavender, sometimes flecks. Early. Each 30c; doz. \$3.00.

Prices on Gladiolus, unless noted, 12c each; doz. \$1.10. 6 of one kind at dozen rate.

**JOHAN V KONYNENBURG**—Solid vermillion red, brighter self throat. Large blooms on tall spikes. Outstanding exhibition gladiolus. Mid-season. Each 20c; doz. \$2.00.

**KING OF HEARTS** (Salbach Patented)—A giant 8 inches across; light coral red to salmon; extra long spikes. Each 25c; doz. \$2.25.

**KING LEAR**—Giant ruffled purple, extra fine. Early mid-season.

**LADY JANE**—Cream with yellow lip on lower petals. Early mid-season.

**LAVENDER PRINCE**—Ruffled mauve shade with rosy purple lines in throat. Mid-season.

**LEADING LADY**—Large cream white, tall stems. Sport of Picardy. Mid-season. Each 15c; doz. \$1.35.

**LEEUWENHORST**—Deep warm pink, large flower, an improved Picardy. Each 15c; doz. \$1.60.

**MALTA**—Tall dark rose, very large flowers. Early mid-season. Each 15c; doz. \$1.35.

**MANSOER**—Dark purple red, flowers perfectly spaced on strong stem. One of the finest in this color. Mid-season. Each 15c; doz. \$1.50.

**MARGAREITE**—Giant watermelon pink, cream throat.

**MASTER MYRON**—Medium dark red, tall grower. Early mid-season.

**MIDWAY**—Giant; ruffled deep pink.

**MINUET**—Fine large lavender. Late mid-season.

**MISS WISCONSIN**—Fine deep rose pink, large. Mid-season. Each 20c; doz. \$2.00.

**MOTHER KAELL**—Clear waxy yellow, one of the best. Mid-season. Each 15c; doz. \$1.50.

**OREGON GOLD**—Large late yellow with edge lightly frilled.

**OREGON ROSE**—Exceptional 3 toned ruffled rose. Early mid-season. Each 15c; doz. \$1.35.

**ORIENTAL PEARL**—Giant cream; a prize winner. Each 15c; doz. \$1.50.

**PANDORA**—Large, clear, soft Geranium pink.

**PICARDY**—Large salmon pink, popular with florists. Late mid-season.

**PINK RADIANCE**—Large, light pink; very tall. Each 15c; doz. \$1.35.

**POLAR ICE**—Pure glistening white, outstanding. Very early.

**PURPLE SUPREME**—Tall purple, silver edge.

**RANGATATA**—Giant flowers of salmon red.

**RECARDO**—Massive slate gray with scarlet glints.

**RED CHARM**—Fine shade of medium red.

**ROYAL GOLD**—Early, large rich yellow sort.

**RUFFLED PRINCESS**—Large, beautiful ruffled flowers in rich pink.

**SALMAN'S GLORY**—Huge creamy white with showy red blotch. A definite improvement over well known Margaret Beaton. Each 20c; doz. \$2.00.

**SHIRLEY TEMPLE**—Huge ruffled white with deep creamy throat. Late mid-season.

**SILVER WINGS**—Giant ruffled white; Picardy sport. Each 20c; doz. \$2.00.

**SNOW PRINCESS**—Large, white with tall spikes. Good commercial. Early mid-season.

**SPOTLIGHT**—Giant, heavy textured yellow, with red blotch. Early. Each 15c; doz. \$1.35.

**SWEET SEVENTEEN**—Soft peach rose with ruffled edge. Fine cut flower. Each 15c; doz. \$1.50.

**TAKINA**—Giant rosaline purple. Mid-season.

**TIP TOP**—Magnificent glowing red. Mid-season. Each 15c; doz. \$1.35.

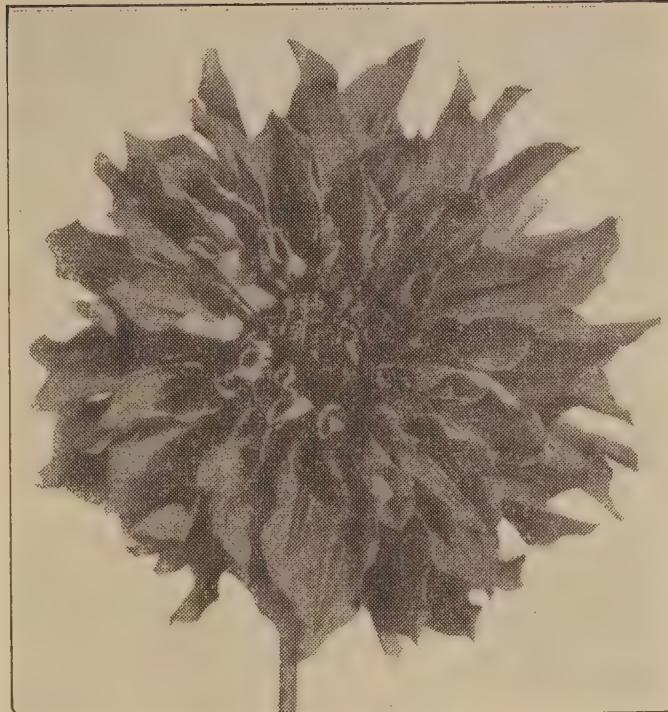
**TIVOLI**—Soft rose with cream throat. Rated as one of Europe's best post-war instructions. Each 20c; doz. \$2.00.

**TUNIAS TRIUMPH**—Large, medium dark red, fine cut flower. Each 15c; doz. \$1.35.

**UHU**—Unique dusty brown-purple. Broken broad stripes on salmon orange brown. Yellow throat dusted crimson. Pkt. 20c; doz. \$1.75.

**WHITE GOLD**—Giant blooms of creamy white with yellow throat. Early.

**ZUNI**—Smoky old rose, apricot rose throat, red lined. Lightly ruffled. Mid-season.



Dahlia, Mrs. Geo. L. Boutiller—Page 59.

## Gladiolus in Mixtures

**GILL'S FANCY MIXED**—A mixture from named sorts containing more varieties than any mixture we offer. The names are not attached to the bulbs and the varieties are our own selection. Large bulbs. 3 for 25c; doz. 85c; 50 for \$3.25; 100 for \$6.00.

**JUMBO MIXED**—The name Jumbo applies to the size of these extra large bulbs. They are a fine mixture from named varieties in various colors, and will produce long spikes of flowers. Our selection of varieties. Postpaid. 3 for 35c; doz. \$1.10; 50 for \$4.25; 100 for \$8.00.

**GIANT MIXED**—This mixture embraces many fine varieties in a good range of color. Made up from named varieties in size No. 1 or larger. No. 1 size are 1½ inches in diameter or larger. Our selection of varieties. Postpaid. 3 for 25c; doz. 80c; 50 for \$3.00; 100 for \$5.75.

## Inoculate all Legume Seeds with **NITRAGIN**

1898—FIFTY-TWO YEARS OF SERVICE—1950  
When ordering, Always state name of seed

**ALFALFA (A)** **SOYBEANS (S)**  
Swt., Bur., Hubam Clovers Size Retail

Size Retail  
1 bu. each....\$ .50 2 bu. each.....\$ .30  
2½ bu. each.... 1.00 5 bu. each..... .50

25 bu. each..... 2.25  
(One can)

**CLOVERS (B)** 30 bu. each..... 2.95  
Red, Alsike, Crimson,  
White and Ladino. (6-5 bu. cans)

1 bu. each....\$ .50  
2½ bu. each.... 1.00

**BEANS (D)**  
Navy, Pinto, Wax,  
String, Kidney and  
Great Northern  
1 bu. ea. ....\$ .50

**COMBINATION (AB)** 1 bu. ea. ....\$ .50  
100 lb. size (Inoculates up to 100 lbs.) ..\$ .50

**LESPEDEZA (L)** 1 bu. ea. ....\$ .50

**PEAS, (C)** 2 bu. each.....\$ .30  
VETCHES (All Varieties) 5 bu. each..... .50

100 lb. size (Inoculates up to 100 lbs.) ea. \$ .50

**PEANUTS,  
COW PEAS (E)** 2 bu. each.....\$ .30  
Enough for 8 lbs. seed — Retail Price 15c each

# GILL'S RELIABLE DAHLIAS

Dahlia orders will be filled during the latter part of March and through April and May, but may be sent any time for booking, and will be filled in the rotation received. No dahlia orders will be filled after June 1, except collections, which will be sent up to June 15. All Dahlia prices postpaid. The rate for a dozen of one kind is 10 times the single rate. Six of one kind at the dozen rate.

We publish a bulletin telling how to care for dahlias. This is sent free to all if requested and a copy is included with each order of bulbs. See **dahlia collections on inside of back cover**.

When you receive your dahlia tubers open them very carefully so that the eyes on the tubers will not be injured. Keep them in a cool place, away from frost, until ready to plant. The dahlia tubers we offer are mostly grown in Oregon.

## Informal Decorative Dahlias

This type lacks the uniformity of the formal decoratives and the petals are more expanded. Many have longer petals and they are often more loosely arranged than the formal type. The plants grow vigorously and have very large flowers, usually on long, erect stems. In some varieties the petals are somewhat twisted.

**ADIRONDAK SUNSET**—Giants; vivid orange with petals tipped scarlet and yellow base. Each 50c.

**AUTUMN SUNSET**—Large, lemon yellow shading to spinal red. Each 50c.

**AZURA**—Giant, lilac with bluish sheen. Each 65c.

**CALIFORNIA IDOL**—Large canary yellow, one of the finest. Blooms 10", facing on cane like stems. Each 75c.

**CENTURY OF PROGRESS**—Velvet purple blooms held facing on low bush. Early, 8" blooms. Sometimes listed as Formal. Each 65c.

**CORNELIA BRYCE PINCHOT**—Huge, shaggy, with very wide petals that roll and curl from a high, deep colored center. Clear dark burgundy with silver sheen. 10" blooms. Each 75c.

**CROYDON'S GLORY**—Giant lemon yellow. This 12" Australian novelty is among the finest of all dahlias. Each 65c.

**DIXIES WINEDOT**—Variegated white, splashed with wine; 10". Winner of three American Home Achievement medals. Each \$1.00.

**ELEANOR FRANCIS**—Brick red; large blooms on long, strong stems. Each 50c.

**EL RUBIO**—Huge deep velvety red. Each \$1.00.

**FLEUR DE ROSE**—Pure old rose, blooms are shaggy, with gently twisting petals. 8", early blooming. Each 75c.

**GINGER ROGERS**—Huge, clear sulphur yellow. Each 85c.

**GRACE CURLING**—Lilac pink with white base. Each 50c.

**GRAY DAWN**—Pure white with slight sheen of orchid. Each 75c.

**HILL'S SUPREME**—(See Front Cover). Outstanding dahlia with strong, erect stems. Giant blooms of rich rose pink. Each 65c.

**JANE COWL**—Giant bronze buff and old gold, blending deeper to a perfect center. Each 50c.

**JULIA MACK**—Distinct, large, orange red with mahogany tints. Each 50c.

**KING GEORGE**—Orange with cast of red to center and yellow reverse. 10" blooms on medium bush. Each 75c.

**LORRAINE**—Large yellow, shading to tan. Each 50c.

**MAYOR OTIS**—Large flowers with blended shades of shining bronze. Each 60c.

**MOTHER'S DAY**—A splendid large white on excellent stem. Heavy foliage. Each 90c.

**MRS. ELLA WORTHERN**—Large yellow flowers toned with pink and gold. Each 50c.

**NAGEL'S SUPERB**—Very distinct primrose to lemon yellow with recurved petals. Each 50c.

**PALO ALTO**—Large, straight tan; very showy. Each 50c.

**PINK GIANT**—Bright tyrean pink. Huge flowers on excellent stems. Each 60c.

**SAN FRANCISCO**—Large, soft shrimp pink. Each 75c.

**SHERWOOD'S PEACH**—An outstanding creation of orange and apricot. Each 75c.

**THE UNIVERSE**—Large dark red, shaded purple. Good stems. Each 60c.

**TOPFLIGHT**—Large, stately bright red. Each 85c.

**V. C. KLICKPERA**—White, blushed orchid, much in demand for weddings. 8" blooms. Each 60c.

**WATCHUNG GIANT**—Deep amber yellow, suffused orange. 10-inch blooms. Each 60c.

**WHITE ABUNDANCE**—A free blooming, giant white. Ideal for cutting. Each 50c.

## Semi-Cactus Dahlias

Semi-Cactus or Hybrid Cactus type flowers are fully double but the petals are shorter than those of the true Cactus type and are broader and more flat, though sometimes recurved and twisted. The stems of this type are usually strong and the plants prolific bloomers.

**FIGARO**—Yellow, penciled red; very unusual and showy. Each 75c.

**GRAND SLAM**—Incurved cactus, pink to cerise, lighter reverse, very striking, 8" blooms. Each 75c.

**JANE LAUSCHE**—Rosy mauve, outer one-third of each petal white. Winner of many awards as largest and most perfect blooms. 12" flowers. Each \$1.75.

**KATHERINE LUXFORD**—Flowers on good stems; medium sized blooms of apricot. Each 50c.

**LOUISE**—A large, pale pink, with white centers. Each 75c.

**MARK HEIDE**—Large pastel pink, shading to soft yellow center. A fine cut flower. Each 50c.

**MISS GLORY**—Large, distinctive flowers of apricot yellow; good stems. Each 75c.

**MISS LIBERTY** (Gill)—A giant on strong, erect stems. Large blooms of bright pink with yellow center. Each 75c.

**PAUL PFITZER**—Large blooms of delicate rose with white at the centers. Each 65c.

**VIRGINIA RUTE**—Blooms of deep blood red, rich coloring, fine producer. 10" blooms. Each 75c.

**TRIUMPH DE PARIS**—Very productive of blooms of medium size; bright orange, tipped with yellow. Outstanding. Each 75c.

## Miscellaneous Dahlias

**CERISE STAR**—Cerise rose. Free blooming on long, erect stems. Each 35c.

**CROI DE SUD** (Anemone Type)—Brilliant red with yellow anemone centers. Each 60c.

**DREANA DARLENE** (Orchid type)—Old gold with tomato red on reverse of petals. Each 75c.

**MOTHER O'MINE** (Single)—Very large white flowers on fine stems. Each 35c.

**RED COLTNES GEM** (Coltness Type)—Dwarf, free flowering plants. Small flowers of bright red. Ideal for bedding. Each 35c.

**SALOME** (Single)—Large, bright yellow on long, erect stems. Each 35c.

**SKIPPER** (Collarette)—Silver white, splashed rose pink and lavender. Extra long stems and ideal cut flower. Each \$1.25.

**SWALLOW** (Collarette)—White flowers on long, erect stems. Each 35c.

**WHITE STAR** (Star type)—White with orange pollen center. Long erect stems, fine for cutting. Each 40c.

# Formal Decorative Dahlias

This type has large double flowers, full to the centers. Broad, flat petals with broad points or rounded tips. They usually have long stems and bloom freely.

**ALICE HUME**—10-inch blooms in soft buff shades. Each 60c.

**AVALON**—Primrose to canary yellow. Fine cut flower on long stem. Each 50c.

**BALLEGO'S GLORY**—Large blooms of mahogany red, each petal edged with gold. Each 75c.

**BLUE RIVER**—Large lavender with blue sheen. Each 50c.

**BOBBY DEAN**—Peach colored Jersey Beauty and a fine cut flower. Each \$1.00.

**BRIDESMAID**—Silvery pink with the silver showing in the veins and a silver sheen over the broad and pointed petals. 8" blooms. Each 85c.

**CHAMPOEG**—Canary yellow centers, shading to peach red on outer edge of petals. Large blooms on erect stems. Each \$1.25.

**CHAS. L. MASTICK**—Bright orange yellow with pink on reverse. Fine for cutting. Each 50c.

**CLAIRE FLEETWOOD**—Huge flowers of Australian soft pink. Each 60c.

**CLARA CARDER**—Immense rose pink blooms on long, strong stems. Each 50c.

**CROYDON'S LILAC**. Large, solid lavender. Very good. Each 60c.

**DAD SMITH**—Flaming imperial yellow and scarlet, excellent cut flowers. 7" blooms, winner of many awards. Each 85c.

**D'ARCY SAINSBURY**—Giant white flowers on good, strong stems. Each 65c.

**DEEP VELVET**—Shades from the deepest red to the center that is velvet black, bush of medium height, 10" blooms; one of the best. Each \$2.00.

**FIVE STAR GENERAL**—Mixed shades of pink with maize yellow. Free bloomer on medium bush, 10" blooms. 1946 introduction. Each \$1.75.

**FRANCIS LAROCCHIO**—Blended flower of pure yellow, medium size. Each 50c.

**GOLDEN ECLIPSE**—Large flowered, pure gold; strong grower. Each 50c.

**JERSEY BEAUTY**—Beautiful eosine pink. Ideal for cutting; long, erect stems. Each 60c.

**JESSIE GORDON**—8-inch blooms; light peach with orange blend. Each 50c.

**KENTUCKY**—Sport of Jersey Beauty, bronze pink, good stems. Each 50c.

**LILLIAN NOSER**—Soft lavender pink, with silver veining, center lavender pink. 14" blooms, 4' bush. Each 85c.

**LOIS WALSCHER**—Rich purple, tipped white. Showy dwarf plants. Each 75c.

**MARJORIE COLE**—Splendid bi-color, large orange yellow, tipped white. Each 50c.

**MARYLAND GLORY**—Large tyrian rose, very showy. Each 50c.

**MISS PUGET**—Very free flowering; medium size blooms of pure buff. Each 50c.

**MRS. GEO. L. BOUTILLIER**—Immense, often one foot in diameter. Rich velvety carmine on erect stems. Each 35c.

**MRS. WM. KNUDSEN**—Pearly white on long stems. 8" blooms, the perfect cut flower. Each 50c.

**MONARCH OF THE EAST**—Giants of deep golden bronze; often 14 inches across. Each 75c.

**PANTATA**—Brilliant copper tone with a light tango showing in the reverse of twisted petals, long stemmed with flowers facing up. 12". Each \$2.50.

**ROYAL PENNANT**—Vivid purple; strong erect stems. Each 60c.

**SALBACH'S WHITE**—Giant pearl white. Good stems. Each 50c.

**SEASIDE BEAUTY**—Giant of rich ruby red, with outer tips of petals dove color. Each \$1.50.

**SYLVIA JOHNSON**—Compact sunshine yellow, petals round, overlaid like fish scales. 5" blooms, long, strong stems. Each \$1.50.

**TOWN TOPIC**—Large, pansy purple, often tipped white. Good stems. Each 65c.



Dahlia, Jane Cowl

## Cactus Dahlias

The true Cactus type flowers are fully double, petals long, narrow, often incurved or twisted, with sharp, divided or fluted points.

**BALLAY ROUGE**—One of the very finest red cactus. Perfect blooms on long, erect stems. 8" blooms, bush 6'. Each \$1.25.

**BERGER'S MASTERPIECE**—Large smoky lavender pink on fine stems. Very fine. Each \$1.00.

**COMTESSE**—Holland origination of soft pink, overlaid with slight tint of lavender, fine cut flower. 5" blooms. Each 75c.

**GALA CALIFORNIA**—Scarlet orange, 8" blooms. Each 75c.

**GEMMA CLARA**—Lemon yellow, long stems, excellent cut flower. 6" blooms. Each 75c.

**GOV. HEIL**—Incurved cactus of delicate orange rose. A free bloomer. 10" blooms. Each 60c.

**GREATER GLORY**—Huge rose pink with white center. Outstanding. Each 75c.

**JERSEY DAINTY**—One of the best white cactus. Each 50c.

**MADAM JUSSANT**—Bishop's violet, of delicate composition and color. Excellent cut flower. 8" bloom. Each \$1.00.

**MICHIGAN RADIANCE**—Large; yellow overlaid with bronze. Each 75c.

**MISS SAN DIEGO**—One of the finest yet in the cactus type. Incurved petals in giant flowers, carried on strong, erect stems. Amaranth pink blending to yellow centers; laciniated petals. Each \$2.00.

**MRS. MINNIE RING**—Outer petals apple blossom pink, inner petals pale yellow, chrysanthemum shaped, 7" blooms. Each \$1.50.

**MRS. L. BREGGAZZI**—Delicate pink shading to lighter center with incurved petals. Each 75c.

**MUSTANG**—Australian novelty, a leader in pink cactus. Heavy bloomer throughout season. Outstanding show type. 10" blooms. Each 85c.

**PYGMALION**—Peach tan with orange red to center. Long wire-like stems. 6" blooms. Each 75c.

**ROUGE BOUQUET**—Gorgeous pigeon blood red with a suffusion of royal plum at tips and a tinge of orange at base of petals. 8" blooms, bush 6'. Each 50c.

**SATAN**—Vivid scarlet with orange yellow at petal base. One of the largest true cactus type. 10" blooms, bush 5'. Each 85c.

**ST. THERESE**—Exceptionally fine Holland variety. 5" blooms, pink to white. Each 85c.

**SWEET DAWN**—Lavender pink, overcast amber. Long, strong stems. Each 85c.

**TAIYO**—Medium sized flowers of maroon and white bicolor, good stems. Each 65c.

# Miniature Dahlias

This type embraces miniature flowers that are represented in the form of many main classes. They generally have ideal stems for cutting as they show their faces upon good stems and keep well in bouquets. They are also very free flowering. These fascinating and dainty little dahlias are rapidly growing in favor as they are more adaptable to home decoration than the large flowered types and are not so formal as the pompons.

Abbreviations for this group. C—Cactus; SC—Semi-Cactus; F.D.—Formal Decorative; I.D.—Informal Decorative.

**ANDREAS ORANGE** (Cactus)—4 to 5 inch blooms of rich orange. Each 50c.

**AXFORD BEAUTY** (S.C.)—Clear old rose, blooms full, on excellent stems. Each 50c.

**AMERICAN BEAUTY ROSE** (F.D.)—A brilliant rose red. Each 40c.

**BABY FONTENEAU** (L.D.)—Delicate rose. Small; excellent cut flower. Each 65c.

**BABY ROYAL** (S.C.)—Salmon pink with gold shadings. Each 40c.

**BETTY BERNEY** (F.D.)—A brilliant scarlet, very compact, a free bloomer. Each 50c.

**BISHOP OF LLANDOFF** (Duplex)—Deep red with dark foliage. Very unusual. Each 40c.

**CORALETTE** (F.D.)—A splendid cut flower in a true coral. Each 50c.

**HELLY BOUDEWIJN** (Waterlily type)—Satin white and very heavy producer of fine cut flowers. Each 60c.

**I.K.E.**—Ruby red miniature that rates as tops. Excellent cut flower. Each 60c.

**LITTLE DARLING** (C.)—Pale pink with white center. Each 40c.

**MME. DESTRE** (C.)—A rich red on very good stems; wonderful cut flower. Each 50c.

**PINK HELLY BOUDEWIJN** (Waterlily type)—4" lemon green with cream, overlaid with a delicate blush of pink. Excellent for floral makeup. Fine stems. Each 75c.

**QUEEN OF SMILES** (F.D.)—Rose shading to cream at edges. Each 50c.

**RARE** (C.)—Dusty old rose shade. Very unusual. Each 50c.

**RITA MARIE** (I.D.)—A splendid cut flower with shades of bronze. Each 50c.

**ROSEBUD** (F.D.)—Cream white, tipped wine, profuse bloomer. Each 35c.

**ROSE GEM** (F.D.)—Rose pink, tinged lavender as the flowers age. Each 40c.

**SPRINGHILL ROSE** (F. D.)—American Beauty, rose color. Free flowering; good stems. Each 35c.

**TIP** (C.)—Ideal for florists; primrose yellow. Each 50c.

**TOY** (F.D.)—Deep lavender pink. Each 35c.

**WHITE FAWN** (F.D.)—Pure, snow white, ideal for cutting. Each 50c.

**WINE DROP** (F.D.)—Wine with a purple cast. Fine for mass planting, fine cut flower. Each 50c.

## Ball or Show Dahlias

This represents a very old type that is still very popular. The petals are rather cupped, forming ball shaped flowers of good size. Free flowering with good stems.

**BIG BEN**—Rich raspberry red, one of the largest show type. Each 40c.

**BILLY BOY**—A fine red; good stems. Each 40c.

**BONNIE BLUE**—Dark lavender blue, perfect stems. Each 50c.

**LEAH PEARL**—Extra fine. Salmon with cream center. Each 50c.

**MAH BABY**—Rich deep maroon to almost black. Each 40c.

**ORCHID BALL**—Pastel orchid; good stems. Each 40c.

**QUEEN OF YELLOWS**—Bright canary yellow. Early, heavy bloomer, bush medium, 3". Each 40c.

**ROSE DAWN**—Yellow tipped red. Each 50c.

**SNOW QUEEN**—Superior white variety. Each 60c.

**TIPPY**—Yellow tipped with bronze. A splendid cut flower. Each 35c.

**WHITE LIVONI**—Pure white, long erect stems. Ideal cut flower. Each 40c.

## Pompon Dahlias

These are the babies in the dahlia world. Pretty, compact, ball shaped flowers are borne on long, stiff stems holding the blossoms upright and making a most wonderful display of color in garden. They are very fine for house decoration and flowers will hold up a long time in water without boiling or burning the stems. No garden should be without Pompons. They are different and dainty.

**ALICE**—A small, very vivid red. Each 35c.

**ALBRIGHT**—Small flowers of gold flushed with red shades. Good cut flower. Each 40c.

**ALLEN H.**—Lilac pink or mauve shade, distinctive. Each 40c.

**AMBER QUEEN**—Amber suffused with apricot. Good stems. Each 40c.

**ARTHUR KERLEY**—Deep rich red. Excellent cut flower. Each 40c.

**ATOM**—Soft pure orange, with each petal quilled. Good stem. Each 40c.

**BANTAM**—Bright scarlet, fine stems. Each 40c.

**BETTY ANN**—Small, clear pink on ideal stems. Each 40c.

**BRITAIN'S DELIGHT**—Soft bronze to peach blend. Blooms very full on good stems. Each 50c.

**CLEO**—Large, blended orange with deeper shades. Each 40c.

**CORAL GLOW**—Several tones of bright coral pink. Each 40c.

**CORA MAY**—Salmon pink, cream shading. Fine stem. Each 40c.

**DORIA**—Deep smoky crimson maroon on long, upright stems. Each 40c.

**GERTRUDE**—Fine medium red for cutting. Each 40c.

**HAAK'S GLOW**—Amber with overcast of old rose. Each 40c.

**HELEN ANITA**—Orchid with white center. Each 50c.

**IOLANTHA**—Quite large; bright orange on good stems. Each 40c.

**JOE FETTE**—Small, perfect flowers. Among the best white flowers for cutting. Each 40c.

**LIBBY ROHR**—Free flowering, cerise purple. Each 35c.

**LITTLE EDITH**—Yellow edged red. Each 40c.

**LITTLE SNOW WHITE**—Fairly large, snow white. Each 40c.

**LITTLE SUNSHINE**—Small buff flowers; good stems. Each 35c.

**MARY MUNNS**—Fuchsia to deep orchid; small. Each 40c.

**MINNIE MELLS**—Orchid with deeper center. Each 45c.

**MORNING MIST**—White flushed lavender. Each 40c.

**ROSALIE**—White with cream center. Each 50c.

**SHERRY**—Brilliant wine purple. Very fine. Each 40c.

**TAAKAS YELLOW**—A good yellow. Each 40c.

**TAAKAS PURPLE**—A fine purple. Each 40c.

**WEE PINK**—Soft pastel pink. Each 40c.

**YELLOW GEM**—Pure yellow. Small. Each 40c.

## Miniature Dahlia Collection

This type is very popular for cutting and garden decoration. We offer 6 named varieties labeled, each a different color, which at regular prices have a value of \$3.00 or more, for \$2.50, postpaid. This offer is strictly our own selection.

# GET RESULTS WITH ORTHO PRODUCTS



## Note Prices

### PRICES NOT PREPAID

Send postage or allowance for transportation costs for items on this page.

**BOTANO deluxe**—the finest multi-purpose dust on the market—contains approved lindane.

1. **BOTANO deluxe** is fine on foliage and kills a wide variety of sucking and chewing insects, also controls Powdery Mildew, Black Spot and Rust.
2. **Soil Insects:** Controls Wireworm, Seed-Corn Maggot, Diabrotica Larvae, Strawberry Root Weavils.
3. **Earwigs—BOTANO deluxe** acts as a contact poison—two to three treatments a season will usually suffice.
4. **Lawn Moth (sod webworm)**—Dust 1 lb. per 1000 sq. ft. and soak into lawn. Use 2 or 3 such treatments per season.

OR 104—8 oz. Duster	\$ .79
OR 104—2 lb. Refill	1.75
OR 106—5 lb. Refill	3.95

Trd. Mk. Botano, Reg. U.S. Pat. Off.



**ISOTOX Garden Spray**—Economical, modern multi-purpose spray containing the sensational new lindane insecticide. Effective general foliage spray against Aphids, Thrips, Beetles, Roses, Camellias, other flowers and shrubs against many chewing and sucking insects. Controls Wireworms and other soil pests. Also kills Earwigs, Lawn Moth (Sod Webworm), Flies. Has extremely broad usage.

OR 110—2 oz.	\$ .59
OR 111—4 oz.	1.00
OR 112—pint	2.95
OR 113—½ gallon	10.25

Trd. Mk. Isotox, Reg. U.S. Pat. Off.



**ORTHORIX Spray**—Astounding new fungicide for year round use. Controls Mildews—Rose mildew, Peach leaf curl, San Jose Scale and many other plant pests! For both foliage and dormant spraying of flowers, fruits, ornamentals and berries. Also for soil treatment. John Paul Edwards, eminent rosarian, says, "I was able to completely control powdery mildew on my roses, produce plants with outstanding luxuriant green foliage and an abundance of blooms with Orthorix Spray."

OR 114—pint	\$ .75
OR 115—quart	1.25
OR 116—gallon	4.00
OR 117—5 gallons	15.00

Trd. Mk. Ortho, Reg. U.S. Pat. Off.



**ORTHO Lawn Groom**—the newest thing in scientific lawn treatment—it does three big jobs in one application:

Feeds the lawn - Kills the weeds - Controls insects

5 lbs. covers 1000 sq. ft. of lawn—about 3 treatments per year will give you a velvety green lawn, free of weeds and harmful soil insects.

OR 107—5 lb. Carton	\$1.69
OR 108—10 lb. Carton	2.95
OR 109—25 lb. Bag	6.05

Trd. Mk. Ortho, Reg. U.S. Pat. Off.

## Other Ortho Products

**BUG-GETA PELLETS.** Highly compressed pellets, handy to use. A pound will bait about 1200 sq. ft. 12oz. 35c; 2 lb. 75c; 5 lb. \$1.50; 25 lb. \$6.25.

**TRIOX** (An Arsenical Weed Killer). 1 qt. \$1.00; 1 gal. \$3.50.

**ORTHO ROSE DUST.** 8 oz. Duster, \$1.00; 1 lb. refill, \$1.25.

**SCRAM.** Dog Repellent. 8 oz. 50c.

**ORTHO PET FLEA POWDER.** 1½ oz. 25c.

**ANT-B-GON.** Set of four 1-oz. dispensers, 70c.

## Other Ortho Products

**VOLCK OIL SPRAY.** 4 oz. 35c; pt. 70c; 31 oz. \$1.25; gal. \$2.85.

**PEST-B-GON** Insect Spray. 4 oz. 50c;; 16 oz. \$1.75.

**ORTHO ROSE & GARDEN SPRAY SETS.** Pts. \$1.35.

**WEED-B-GON, 2.4.D.** 4 oz. 50c; pt. \$1.50.

**ORTHO ANT & MOTH SPRAY,** 2½% Chlordane. Pt. 45c; qt. 75c.

**ORTHO BORDO MIXTURE.** 1 lb. 50c.

**ORTHO STANDARD ARSENATE OF LEAD.** 1 lb. 60c.

**ORTHOCLIDE SOIL FUMIGANT.** Contains the remarkable new Lindane. For use against cabbage maggot, onion maggot, centipedes. 4 oz. 50c; 16 oz. \$1.50.

### READ ABOUT POSTAGE

Send all orders to Gill Bros. Seed Co. for these products. If ordered by mail be sure to include extra postage. Any over-run on postage will be refunded.

# GARDEN SUPPLIES

NOTE—Extra Postage Required On Canadian Orders, and Beyond 4th Zone.

## Semesan

Prices POSTPAID to Fourth Zone Only.

SEMESAN—A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases. Postpaid. 1/3 oz. 20c; 2 oz. can 60c; 12 oz. can \$2.55.

SEMESAN BEL—A dip disinfectant for seed potatoes. Postpaid. 2 oz. pkt. 55c; 1 lb. can \$2.20; 4 lb. can \$6.60.

SEMESAN JR.—A dust disinfectant for seed corn. Postpaid. 1 1/2 oz. pkt. 17c; 12 oz. 77c.

NEW IMPROVED CERESAN—A low cost dust disinfectant for wheat, oats and barley. Postpaid. 4 oz. can 50c; 1 lb. can \$1.15; 4 lb. can \$3.75. Write for further description, directions for use and prices on quantities. It is not expensive.

## Rootone

“THE HORMONE POWDER”

Prices POSTPAID to Fourth Zone Only.

Postpaid. 1/4 oz. pkt. 25c; 2 oz. jar \$1.00; 1 lb. can \$5.20. No solutions, no measuring, just dust and plant. The 2 oz. jar treats up to 3000 cuttings.

## Transplantone

HORMONE POWDER—Stimulates the roots of plants, shrubs and trees. Postpaid. 1/2 oz. pkt. 25c; 3 oz. can \$1.05.

## Fruitone

HORMONE SPRAY—Aids in setting fruit. For stopping premature drop of fruits, flowers and leaves. Postpaid. 2/5 oz. 25c; 2 oz. \$1.05.

## Thompson's Fix Tablets

FOR TOMATOES—Aids in setting fruit and makes them practically seedless. 1 tablet to 1 qt. of water for spray. 1 bottle (20 tablets), 25c.

## Miller's Garden Booster

For house plants, flower boxes, roses and shrubs. Stimulates quick rooting and rapid growth. It supplements organic humus compost, rounding out complete plant feeding program. Dilute powder with water. POSTPAID. 4 oz. 30c; 1 lb. 65c; 2 lbs. 95c; 5 lbs. \$1.80.

## Miller's Garden Calomag

Prices POSTPAID to Fourth Zone Only.

Plant maggot control. One teaspoonful on top of ground at base of each plant when transplanted will control maggots for the whole season. Can also be sprinkled along the rows of seedlings of vegetables when plants first appear. Postpaid. 20 oz. 95c; 5 lbs. \$3.10.

## Rotenone Dust

Very successful for controlling insects that eat or suck on plants. Offered in “100” grade. We can also supply this in liquid form. Postpaid. 1 lb. 50c; 3 lbs. \$1.15; 5 lbs. \$1.55. Extra postage beyond 4th zone. Write for quantity prices.

## Dusting Sulphur

We can supply for dusting, or agricultural sulphur for fertilizer applications. Write for prices, giving quantities needed.

## Tarred Plant Protectors

(NON-POISONOUS)



Protection from Root Maggots on Cabbage, Cauliflower, Broccoli, Brussels Sprouts, etc. Apply when setting out plants. Rains or cultivation do not destroy its effectiveness. Protection lasts until plant maturity. Prices as follows, postpaid: Package of 24 for 15c; 72 for 50c; 500 for \$1.80; 1000 for \$3.00. Write for prices on larger quantities.

## Hotkaps



Hotkaps protect growing plants, increase yields, mature crops 2 to 3 weeks earlier; insure premium prices. Order now. Prices prepaid: Pkg. 25 for 90c; 100 for \$3.05; 250 for \$5.20. Not prepaid, 1000 for \$14.65. Wgt. 33 lbs. Write for prices on quantities.

## Miller's Garden Compost Maker

Prices POSTPAID to Fourth Zone Only. Converts weeds, leaves and garden rubbish into valuable organic humus fertilizer. POSTPAID. 5 lbs. \$1.15. Not prepaid, 25 lbs. \$3.25.

## TRAIN-ETTS

Weatherized Trellis Netting. Ideal support for Sweet Peas, Garden Peas, Pole Beans, etc. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun, burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25. Postpaid.

## Scare-Away

Rids gardens, orchards and berry patches of destructive birds and small wild animals. A new garden policeman useful from planting time to harvest. 15" metallic strips. Easy to hang from string or wire. Package of 10 strips, 30c; 100 for \$2.00. POSTPAID.



## Rubber Knee Pads

for weeding, planting or working in the garden. They find a ready sale, indicating general satisfaction.

Price: \$2.35 per pair. Postpaid.

## Force's Mole Killer

Pellets to be placed in the runways. 85-pellet size, 50c; 185 pellet size, \$1.05. A poison, so be careful about children.

# Garden Tractors

Agents for KULTOR-KING GARDEN TRACTORS and attachments. Write us for prices.

## Electric Seed Bed Heaters

Ask for prices on: GRO-QUICK and GENERAL ELECTRIC SEED BED HEATERS, Air Thermometers, Soil Thermometers, etc. Operate from household current. Complete with instructions and plans.

## Power and Hand Lawn Mowers

We are Agents for the JACOBSEN MOWERS. Write for prices.

## Small Hand Tools

Weeder No. 46, 35c, postpaid. Trowel No. 35, 35c, postpaid. Cultivator No. 450, 35c, postpaid.

## Twist-Ems

Help you to support plants QUICKLY, NEATLY, PERMANENTLY. Say "goodbye" to unsightly twine and raffia, to needless work with shears. TWIST-EMS — strong, dark-green invisible tapes with wire reinforcement — protects stems, permanently supports annuals, perennials, vines, shrubs and vegetables. We can supply several sizes in large quantities. Please write stating size and quantity. Box of 125, 8-inch size, 35c. Postpaid.

## Spergon

Valuable disinfectant which is rated as non-poisonous and especially valuable for peas and beans. It is recommended where Nitragin is used, as it does not injure the germ. Dry Dust. POSTPAID. 1 oz. 25c; 5 oz. \$1.05; 1 lb. \$2.40. Wettable Powder, 4 oz. 55c; 1 lb. \$1.40.

## Tobacco Sprays

BLACK LEAF "40" and other tobacco sprays in liquid form; also in tobacco dust. These are still very scarce. Write for prices.

BLACK LEAF "40." Postpaid. 1 oz. 35c; 5 oz. \$1.10; 1 lb. \$2.65; 2 lb. \$4.40.

## Spergon Gladiolus Dust

A mixture of Spergon and DDT. To control thrip and corm decay on Gladiolus. This should be dusted on the dry bulbs for storage or before planting. It may also be used on Tulips, Narcissus and Iris. POSTPAID. 2 oz. 25c; 1 lb. \$1.65.

## Bulb Protect

For use on Tulips, Daffodils and other fall bulbs; also Gladiolus, Crocus and other varieties of corms. Protects them from many diseases and makes them distasteful to rats, mice and moles. 1½ oz. pkg. 45c.

## Phygon-XL Fungicide

Controls all Leaf Blights and Fruit Rot of Tomatoes, Black Spot of Roses, Apple Scab and many other plant diseases caused by fungi. A seed protectant to be dusted on Beet, Tomato, Spinach, Swiss Chard, Peppers and other seeds, before planting to prevent seed decay and "damping off." POSTPAID. 2 oz. 50c; 4½ oz. \$1.05; 1 lb. \$2.90.

# Hyponex



Makes perfect balanced plant food when dissolved in water and applied. Grows sturdier, more luxuriant house plants, flowers, vegetables, lawns, trees in poorest soil—even in sand, cinders or water (Hydroponics). Has highest percentage of quickly available plant food elements. Won't burn... Clean and odorless. Excellent for cuttings, seedlings, transplants. 1 oz. makes 6 gallons liquid food.



PRICES POSTPAID: 1 oz. 10c; 3 oz. 25c; 7 oz. 65c; 1 lb. \$1.20.

## Painted Nursery Labels

### 3½" Wired Nurs. Labels

50 for 40c Postpaid  
100 for 65c Postpaid  
500 for \$2.00 Not  
Prepaid  
(Wgt. 3 lbs.)  
1000 for \$3.50 Not  
Prepaid  
(Wgt. 6 lbs.)

### 5" Pot Labels

50 for 30c Postpaid  
100 for 50c Postpaid  
500 for \$1.90 Not  
Prepaid  
(Wgt. 3 lbs.)  
1000 for \$3.25 Not  
Prepaid  
(Wgt. 5 lbs.)

### 4" Pot Labels

50 for 30c Postpaid  
100 for 50c Postpaid  
500 for \$1.75 Not  
Prepaid  
(Wgt. 2 lbs.)  
1000 for \$3.00 Not  
Prepaid  
(Wgt. 4 lbs.)

### 6" Pot Labels

50 for 35c Postpaid  
100 for 55c Postpaid  
500 for \$2.25 Not  
Prepaid  
(Wgt. 3 lbs.)  
1000 for \$3.75 Not  
Prepaid  
(Wgt. 6 lbs.)

## Waterproof Marking Pencils

POSTPAID. 20c each.

## Wood Plant Bands

2½x2½x3". K.D. POSTPAID to 4th zone only. Extra beyond. 100 for \$1.00; 500 for \$2.25; 1000 for \$4.00.

## Canadian Peat Moss

(HORTICULTURAL)

Bales (about 100 lbs.). \$4.00 each. Not prepaid. Give shipping instructions. 18-lb. cartons, \$2.00 each. Postpaid. Beyond 4th zone additional postage required.

## Flowerite

A sterile growing medium used for seedling germination, propagation of cuttings, soil improvement, transplanting, potted plants, mulching, etc.

1 Cu. Ft. (Wgt. 10 lbs.) \$1.00—Postage Extra  
2 Bu. (Wgt. 25 lbs.) (About 2½ cu. ft.) \$1.60—Postage Extra

3 Cu. Ft. (Wgt. 32 lbs.) \$1.80—Not Prepaid

4 Cu. Ft. (Wgt. 43 lbs.) \$2.25—Not Prepaid

1 Cu. Ft. and 2 Bu. sizes can be sent by parcel post, but the 3 Cu. Ft. and 4 Cu. Ft. must be sent by truck, rail freight or express, as the packages are too large for mailing. Flowerite is very light in weight.

## Rodent Control Cartridges

Mole killers, etc. **POSTPAID: \$1.00 per doz.**

## Zehrung 2, 4, 5-T Blackberry Killer

Pint size will treat 800 sq. ft. Postpaid. Pints, \$1.75; quarts, \$3.15. Extra postage beyond 4th zone.

## Zehrung Dry Wettable Sulphur

**POSTPAID: 22 oz. 45c; 5 lbs. \$1.25. Extra postage beyond 4th zone.**

## Corsage Kits

Contain ribbon, tape, wire pins and leaves, sufficient for a number of corsages. Postpaid: \$1.75.

## Garden Books

**Garden Flowers in Colors, by Daniel J. Foley. Postpaid: \$3.00.**

**Sunset—Visual Garden Manual. Postpaid: \$1.65.**  
**Sunset—Flower Garden Book. Postpaid: \$2.15.**  
**Sunset—Vegetable Garden Book. Postpaid: \$1.15.**

## Soil Thermometers

For testing soils. Postpaid: \$1.90.

## Garden Gloves

**WASHABLE LEATHER GLOVES**—Stay soft after washing. Ladies' sizes, 7, 7½ and 8. Postpaid: \$1.65. Men's sizes, 9, 9½ and 10. Postpaid: \$2.00.

**LADIES' GARDEN SWAGGERETTE GLOVES**—Rubberized with flannel lining. Sizes: small, medium, and large. Postpaid: \$1.15.

## Cyclone Seeders

Small crank seeders; sows any kind of seed; adjustable. Postpaid to and including 4th zone: \$4.55. Extra postage beyond.

## Gat Sprayers

For spraying Sulphate of Ammonia, Nitrate of Soda, and Flo Morecrop. Attaches to garden hose and fits any standard size fruit jar. Postpaid: \$1.60.

## Pea Twine

Useful for many garden purposes. Write for prices.

## Corn Planters

**No. 306—Postpaid to 4th zone: \$3.70. Extra postage beyond.**

## Mouse Killer Seed

Treated canary seed which attracts and kills mice. Postpaid: 30c pkg.

## Ratnip

A paste to be spread on bread and placed where rats bother. Postpaid: 35c pkg.

## Grafting Wax

**Postpaid: 1/4 lb. 35c; 1/2 lb. 75c; 1 lb. \$1.35.**

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## Treeheal

Unsurpassed for treating wounds, scratches, defects on fruit and shade trees. Also used after pruning. Postpaid: 15 oz. 55c; qt. 85c. Extra postage beyond 4th zone.

## Crotox

Insures seed against attacks of birds and rodents. One pint treats two bushels seed. Postpaid to 4th zone: ½ pint, 95c; pint, \$1.50. Extra postage beyond.

## Pruning Shears

**WISS PRUNING SHEARS, No. 908—8" regular. Postpaid: \$2.95.**

**WISS FLOWER HOLDER CUTTER, No. FH-3—Light weight; holds flower after cutting. 18" long. Postpaid: \$3.10.**

## Mole Traps

**REDDICK MOLE TRAPS—Postpaid to 4th zone: \$2.25. Extra postage beyond.**

## Bird Seed

For feeding wild birds. Postpaid: 1 lb. 25c; 3 lbs. for 60c; 5 lbs. for 85c. Extra postage beyond 4th zone. Not prepaid: 10 lbs. for \$1.00 plus postage.

## Field Seeds

We are located in the Willamette Valley, Oregon, where many varieties of field seeds are grown. We handle high grade seed and will be glad to send you our current price list anytime. Prices are subject to change at all times and F.O.B., Portland, Oregon. In case you need field seeds in a hurry send in the amount and we will fill your order at the current price. In ordering, please give shipping instructions.

# OUR BARGAIN COUNTER

We offer this page of real bargains with the idea of encouraging a trial of our various lines, and we assure all that these are not makeshift bargains to unload worthless stock, but are genuine offers of the same standard of goods with which we supply our regular trade. All of the goods offered are for prompt delivery, weather conditions being favorable. Dahlias will be sent in April. All prices are postpaid.

## Home Beautiful Sweet Peas

Twelve regular sized packets of Spencer Sweet Peas, our selection of named varieties, all different, worth \$1.20, sent postpaid for 75c. Six packets, postpaid for 40c. These will be chosen to give a good range of color. Do not order this collection based on your own selection.

## Home Vegetable Collection

Thirty-four regular sized packets, worth \$3.45, sent postpaid for \$2.45. Positively no changes permitted.

(Save \$1.00)	Regular Price
BEANS, Keystonian	.10
BEANS, Stringless Blue Lake, White Seeded	.10
BEANS, Pencil Pod Black Wax (Bush)	.10
BEET, Detroit Dark Red	.10
SWISS CHARD, Lucullus	.10
GREEN BROCCOLI, Medium Calabrese	.10
BRUSSELS SPROUTS, Oregon Special	.10
CABBAGE, Copenhagen Market (Early)	.10
CABBAGE, Oregon Ballhead (Late)	.10
CARROT, Nantes Special (Early)	.10
CARROT, Oregon Chantenay (Late)	.10
SWEET CORN, Early Golden Sweet	.10
SWEET CORN, Improved Golden Bantam	.10
CUCUMBER, Colorado	.10
CUCUMBER, Chicago Pickling (for pickling)	.10
DILL, Mammoth	.10
LETTUCE, Tomhannock (Loose Leaf)	.10
LETTUCE, Early Great Lakes (Head Lettuce)	.15
MUSKMELON, Oregon Delicious	.10
MELON, Casaba, Cranshaw	.10
WATERMELON, Black Seeded Ice Cream	.10
ONION, Utah Sweet Spanish	.10
PARSNIP, Tender Heart	.10
PEAS, Laxton's Progress (Dwarf Early)	.10
PEAS, Stratagem (Dwarf Late)	.10
PUMPKIN, Orange Winter Luxury	.10
RADISH, Early Scarlet Globe	.10
RADISH, White Icicle	.10
RADISH, Scarlet China (Winter)	.10
RUTABAGA, Laurentian	.10
SQUASH, Golden Delicious	.10
SQUASH, Zucchini (Summer)	.10
SPINACH, New Giant Leaf	.10
TURNIP, Orange Jelly or Golden Ball	.10
	\$3.45

## Cottage Dahlia Collection

A fine collection of named varieties, all labeled, which will provide a good range of color. Five varieties of our own selection, representing several classes of dahlias and worth \$2.50, for \$2.00 postpaid.

## Pompon Dahlia Collection

These dainty flowers are ideal for garden and cutting. We offer, subject to our own selection, properly labeled, 6 Pompon Dahlias with a regular value of \$2.25, for \$1.75, postpaid. Each variety different and in a good range of color.

## Marigold Collection

8 Packets Marigolds including many newer varieties, worth \$1.55, for \$1.00, Postpaid.

BUTTERBALL	.15
GIGANTEA SUNSET GIANTS	.10
MAMMOTH MUM	.25
MISSION GIANT YELLOWSTONE	.15
NAUGHTY MARIETTA	.25
REAL GOLD	.25
REDHEAD	.25
SUNKIST	.15
	\$1.55

## Perennial Rock Garden Collection

We offer 10 packets of rock garden perennials, worth \$1.60, for \$1.20, Postpaid.

ALYSSUM, Saxatile Compactum, yellow	.15
ARMERIA, Formosa Hybrids, pink and rose shades	.15
AUBRIETIA, Large Flowering Hybrids, mixed	.15
CERASTIUM, Snow in Summer	.15
DIANTHUS, Double Dwarf, clove pink, mixed	.15
HELIANTHEMUM (Sun Rose) Mutabile, Mixed	.15
LINUM, Flavum, yellow	.15
PRIMROSE, Auricula, Mixed	.25
VIOLA, Cornuta, Mixed colors	.15
WALLFLOWER, Siberian, orange	.15
	\$1.60

## Zinnia Collection

This is your chance to try several types in one collection. 10 pkts., worth \$1.40, for \$1.00. Postpaid.

CALIFORNIA GIANTS, Mixed	.15
ELEGANS PUMILA, Mixed	.10
FANTASY TYPE, Mixed	.15
GAILLARDIA FLOWERED, Mixed	.15
HAAGEANA DOUBLE HYBRIDS	.15
HOWARDS CRESTED GIANT, Mixed	.15
LILLIPUT DOUBLE, Mixed	.10
LINEARIS	.15
MAMMOTH DAHLIA, Mixed	.15
SCABIOSA FLOWERED, Mixed	.15
	\$1.40

## Perennial Flower Collection

10 Regular Packets, worth \$1.95, for \$1.35, Postpaid.

CARNATION, Giant Flowering Mixed	.15
COREOPSIS, Double Sunburst	.15
DELphinium, Pacific Giants Mixed	.35
GAILLARDIA, Portola Hybrids Mixed	.15
GEUM, Lady Stratheden	.25
HOLLYHOCK, Chaters Double Mixed	.10
ORIENTAL POPPY, Oregon Supreme Mixed	.20
PANSY, Gill's Oregon Giants Mixed	.20
PYRETHRUM, Hybridum Mixed	.25
WALLFLOWER, Double Mixed	.15
	\$1.95

## Florist Gladiolus Offer

30 large size bulbs, 1 1/4 inches up, in a fine mixture, postpaid, for \$1.00. This mixture is made from named standard sorts and newer introductions unlabeled and comprises large flowering varieties, chosen so as to give a good range of color. Our own selection in mixture. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 10c each collection.

## Glorious Gladiolus Offer

45 medium size bulbs, 1 to 1 1/4 inches in diameter, in splendid mixture, postpaid, for \$1.00. These will make fine blooms the first season. You will be surprised at the value you receive. This offer enables everyone to have a fine gladiolus garden. Splendid value. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 10c each collection.

# ***GILL BROS. SEED CO.***

## **1950**



**GILL'S SPECIAL  
NANTES CARROT**

**GILL'S OREGON  
CHANTENAY CARROT**

**"TWO GRAND CARROTS"**